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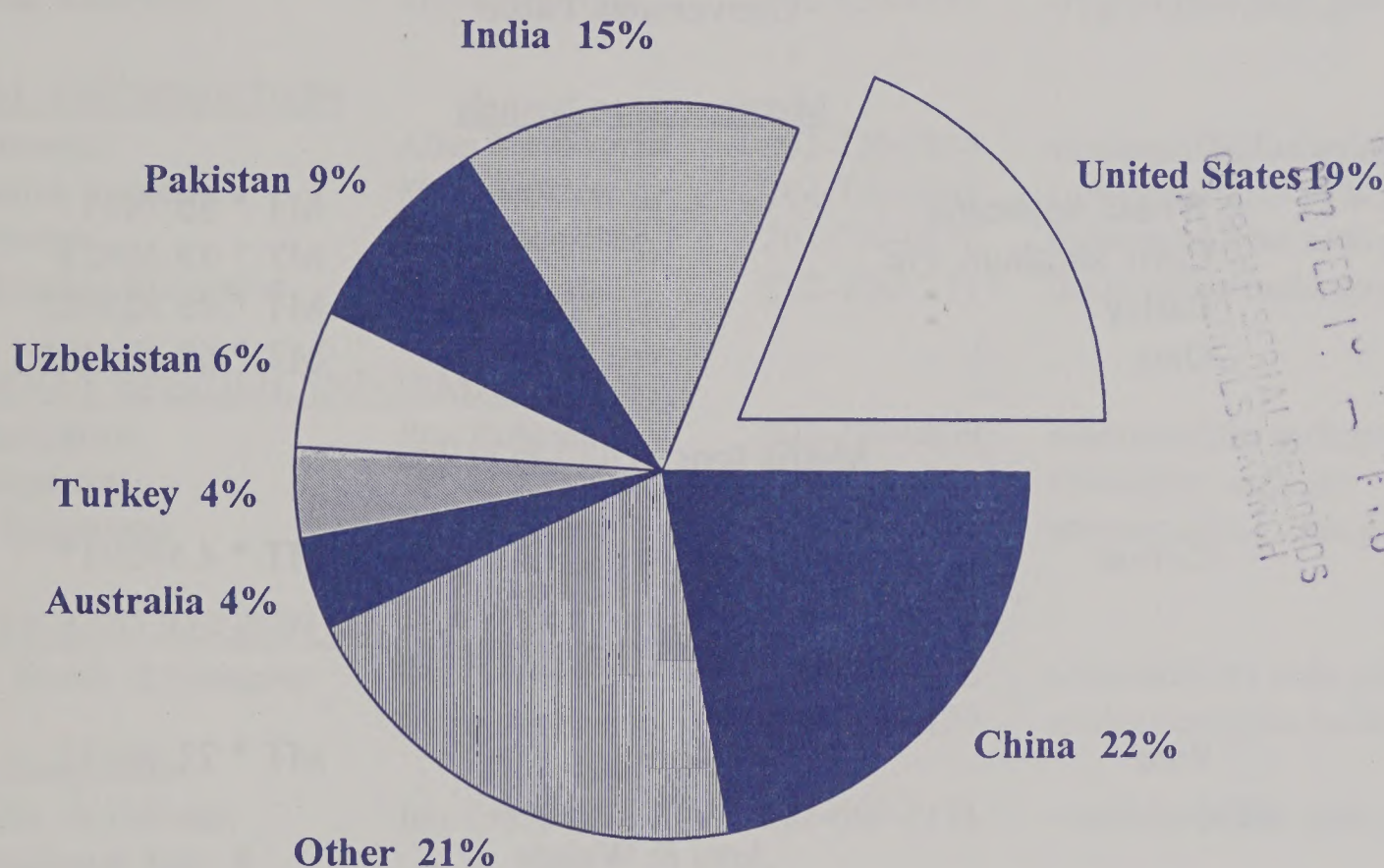
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World Agricultural Production

**WORLD COTTON PRODUCTION UP IN 1999/2000, DESPITE LOWER COTTON PRICES
MAJOR COTTON PRODUCERS CONTRIBUTED 79 PERCENT OF TOTAL WORLD PRODUCTION**



World cotton production for 1999/00 is forecast at 87.4 million 480-pound bales, up 3 percent from last year, despite the lowest world price in five seasons, averaging 48.4 cents per pound so far this season, down from the recent peak of 91.4 cents in 1994/95. World area is forecast to decrease 1 percent to 32.6 million hectares while the yield is up 5 percent from a year ago to 584 kilograms per hectare. The world's largest cotton producers, the United States and China, are projected to account for 41 percent of global production, up from 40 percent last year as a larger U.S. crop more than offsets China's production drop. The United States experienced by far the greatest year to year rise in global production share as is recovered from last year's weather reduced crop, increasing from 16 percent of output to 19 percent in 1999/2000.

The top seven producers of 1999/2000, including the United States and China, are expected to contribute 79 percent of the world cotton output compared with 77 percent in 1998/99. Of the seven major producers, only China and Australia are forecast to fall below last year's output. Production in the other major producers were up as crops benefitted from a decline in insect pressure and disease damage, and above normal weather during most of the growing season.

This report uses information from the Foreign Agricultural Services' global network of agricultural attaches and counselors; official statistics of foreign governments and other foreign source materials; and the results of economic and satellite imagery analysis. Estimates of foreign area, yield and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. Estimates of U.S. area, yield and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-357), December 10, 1999.

This report was prepared by the Production Estimates and Crop Assessment Division, FAS/USDA. The next issue of World Agricultural Production will be released after 3:00 p.m. Eastern time on January 19, 2000.

Conversion Table

Metric tons to bushels

Wheat, soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & Weight

1 hectare	=	2.471044 acres
1kilogram	=	2.204622 pounds

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For further information, contact:

U.S. Department of Agriculture
Foreign Agriculture Service
Production Estimates and Crop Assessment Division
Ag Box 1045, Room 6053, South Building
Washington, D.C. 20250-1045
Telephone: (202) 720-0888 Fax: (202) 720-8880

CIRCULAR PUBLICATION

Circular Coordinator	Scott Thompson	202-720-0873	thompsons@fas.usda.gov
Word Processing	Mary Jackson	202-720-0888	jacksonma@fas.usda.gov
Database Manager	Marnet Whittington	202-720-0886	whittington@fas.usda.gov
Cover Graphics & Data Reliability	Theresa Wright	202-720-8887	wrightt@fas.usda.gov

GENERAL INFORMATION

Division Director	Allen Vandergriff	202-720-0888	vandergriff@fas.usda.gov
Administrative Assistant	Mary Jackson	202-720-0888	jacksonma@fas.usda.gov
Deputy Director	Scott Thompson	202-720-0873	thompsons@fas.usda.gov
Remote Sensing Specialist	Brad Doorn	202-690-1157	doorn@fas.usda.gov

COMMODITY SPECIFIC INFORMATION

Cotton Chairperson	Ron Roberson	202-720-0879	roberson@fas.usda.gov
Grain Chairperson	Timothy Rocke	202-720-1572	rocke@fas.usda.gov
Oilseeds Chairperson	Paul Provance	202-720-0881	provance@fas.usda.gov

COUNTRY AND REGION SPECIFIC INFORMATION

Argentina, Brazil, & Paraguay	Rao Achutuni/ Maria Anulacion	202-690-0140 202-690-0139	achutuni@fas.usda.gov anulacionm@fas.usda.gov
Australia, Bangladesh, India, & Pakistan	Jim Crutchfield	202-690-0135	crutchfield@fas.usda.gov
Canada, Southeast Asia, & Western Europe	Suzanne Miller	202-720-0882	millers@fas.usda.gov
China, Koreas, Japan, & southern Africa	Paulette Sandene	202-690-0133	sandene@fas.usda.gov
Eastern Europe & North Africa	Bryan Purcell	202-690-0138	purcellb@fas.usda.gov
Former Soviet Union	Mark Lindeman	202-690-0143	lindeman@fas.usda.gov
Mexico & Central America	Ron White	202-690-0137	whiter@fas.usda.gov
Middle East & Central Africa	Curt Reynolds	202-690-0134	reynoldsc@fas.usda.gov
United States & Int'l Weather	Carl Gernazio	202-690-0136	gernazio@fas.usda.gov
United States & Special Projects	Bob Tetrault	202-690-0130	tetrault@fas.usda.gov

WEB SITES OF INTEREST

Foreign Agricultural Service at <http://www.fas.usda.gov>
FAS Weekly Weather Maps at <http://www.fas.usda.gov/pecad/weather/weekly.html>
National Agricultural Statistics Service at <http://www.usda.nass.gov>
World Agricultural Outlook Board at <http://www.usda.gov/oce/waob>
Economic Research Service at <http://www.econ.ag.gov>
Joint Agricultural Weather Facility at <http://www.usda.gov/oce/waob/jawf>

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PRODUCTION BRIEFS

Argentina: Wheat Production Raised by Favorable Harvest Weather

Argentina's wheat production for 1999/2000 is raised to 14.5 million tons, up 0.5 million from last month and up 21 percent from the revised 1998/99 output. As of November 26, wheat harvest was 13 percent complete and is progressing without delays due to dry weather. Harvest activity is well underway in Santa Fe and Cordoba provinces, and is beginning in Buenos Aires. The yields in northern Santa Fe are reportedly below expectations due to the drought that struck that region, while the situation in Buenos Aires province for those areas that have already been harvested is better. The effect of recent frosts in southern Buenos Aires caused localized damage and is expected to have a minimal impact on the total crop size. Within the next few weeks, the harvest will move into more important wheat growing areas and the volume arriving at country stations and export ports will increase rapidly. Exports silos are being cleaned out to prepare for the influx of product, and at least in the short term, infrastructure should not be stressed.

Brazil: Corn Production Estimate Lowered Due to Dryness in South

Brazil's 1999/2000 total corn production is estimated at 33.0 million tons, down by 1.0 million from last month, but 3 percent above last year. Harvested area is estimated at 12.4 million hectares, down 0.1 million from last month, but 1 percent above last year. Continued dryness in the south plus higher costs of fertilizers, pesticides and other inputs contributed to the reduction this month.

Rainfall during November has been significantly deficient in southern Brazil

(Parana, Rio Grande do Sul, Santa Catarina, Sao Paulo, and Mato Grosso do Sul), and adequate-to-above average in Minas Gerais, Goias and Mato Grosso. Some isolated scattered showers over southern Brazil during the first week of December brought some reprieve, but more is needed to improve yield prospects. Corn planting is over 75 percent complete in the main producing center-south region. Since planting corn into December presents risks to farmers, producers are currently making the decision whether to switch to soybeans or wait and plant second-season corn in January or February.

South Africa: Corn Planting Begins

South Africa's 1999/2000 corn production is estimated at 8.5 million tons, unchanged from last month, but up 1.4 million or 20 percent from last year. Area is forecast to rebound after a two-year decline and reach an estimated 3.2 million hectares. The estimated yield of 2.66 tons per hectare is slightly above the 5-year average.

In November, South Africa's National Crop Estimates Committee (NCEC) lowered its preliminary corn area estimate from 3.3 million hectares to 3.1 million. A late start to the rainy season delayed planting in some areas by 4 weeks, and localized dryness has affected germination. Planting is complete in the eastern Maize Triangle and will continue through December in the west, where more rain is needed in order to reach planting intentions. The first official planted area estimate by NCEC will be published in January, and the first official production estimate will be released in February.

Moderate showers (10-25 mm or more) swept through the eastern half of the corn belt in late

November, easing dry conditions and benefitting emerging summer crops in the northern and eastern Maize Triangle. However, soil moisture levels remain lower than normal, particularly in Free State. Scattered showers in early December brought welcome relief to western crop areas. Temperatures and rainfall during February and March will be critical in determining the yield of the 1999/2000 corn crop.

Russia: Grain Harvest Complete, Wheat Lowered

Wheat production is estimated at 30.5 million tons, down 1.5 million from last month, but up 3.6 million from last year. Barley production is estimated at 12.0 million tons, down 0.5 million from last month but up 2.2 million from last year. According to preliminary harvest results released by the State Statistical Agency and other government agencies, total grain production will reach approximately 54.8 million tons, against 47.9 million last year. Grain quality, however, is down: only 63 percent of the wheat harvest met food-quality standards, compared to 76 percent last year.

Canada: Bumper Crops, Despite Late Planting and Harvest

Canada's 1999/2000 wheat production is estimated at 26.9 million tons, up 0.9 million from last month and up 12 percent from last year. Yield is forecast at a record 2.59 tons per hectare, surpassing the previous 1996/97 record of 2.43 tons. Estimated harvested area rose 0.1 million hectares to 10.4 million, but is down 4 percent from last year. Canada's barley production is estimated at 13.2 million tons, up 0.2 million from last month and 0.5 million from last year. Area is unchanged from last month at 4.1 million hectares, down 4 percent from last year. Canada's corn

production is estimated at a record 9.1 million tons, up 0.6 million from last month and up 2 percent from last year. Canada's rapeseed production is estimated at a record 8.8 million tons, up 0.2 million from last month and up 16 percent from last year. Crop yield is forecast at a record 1.58 tons per hectare, up 3 percent from last month. Area is forecast to remain at 5.6 million hectares, the same as last month and up 3 percent from last year. These changes were made following the December Statistics Canada report.

Favorable summer weather aided crop development and offset the delay caused by late planting. Area projections declined in June because excessive moisture caused substantial planting delays: southeast Saskatchewan and southwest Manitoba were the areas that had the most delays. Weather was cool and wet throughout the early summer, then changed to nearly ideal warmth and dryness in August. Crops in many areas of the prairies were two to four weeks behind normal development, causing concern that an early freeze would damage overall production. However, harvesting continued very late this season due to the planting delays, and producers in the prairies benefitted from the fact that hard freezes held off until the average first date in mid-September or thereafter. Areas in Saskatchewan and Manitoba that suffered the most delays received the latest hard freeze, which did not occur there until nearly October.

Philippines: Rice and Corn Production Rise

Estimated milled rice production in the Philippines for 1999/2000 rose 0.3 million tons this month to 7.7 million, up 15 percent from last year. Area is unchanged from last month at 4.0 million hectares. Both 1997/98 and 1998/99 were unusually bad years for Philippine rice production as producers planted

much lower area because of bad weather and the Asian economic crisis. Yields were also down in those years because of a drop in the high-yielding variety seeds. Estimated corn production for 1999/2000 rose 0.2 million tons this month to 4.5 million, but it is still down 8 percent from last year. Area is unchanged from last month at 2.7 million hectares. Favorable weather increased yields for the third quarter, leading to higher production.

Bulgaria: Corn Production Raised

Bulgarian corn production for 1999/2000 is estimated at 1.6 million tons, an increase of 0.5 million from last month, and 33 percent over last year. This would be the best corn harvest since 1992.

Harvested area is estimated at 0.4 million hectares, up 4 percent from last month and at last year's level. Weather during the crop season was nearly ideal for corn, significantly assisting development and edging up yield. The season brought frequent rains during the critical growing months and ended with warm, dry weather at harvest during September and October. In addition to the beneficial weather, farmers typically planted higher quality seeds which provide better yields. Another positive factor at work was many recent purchases of machinery and equipment that reduced harvest losses.

Pakistan: Wheat Revised Lower

Pakistan wheat production for 1999/2000 is estimated at 17.9 million tons, down 0.4 million from last month and down 4 percent from last year. Area is estimated at 8.2 million hectares, down 0.1 million from last month. Pakistan's Ministry of Food, Agriculture and Livestock has revised wheat production figures based on latest arrival data. Yields are

lower this season due to economic sanctions that constrained Pakistan's ability to import fertilizers. Over 80 percent of the wheat is irrigated.

India: Rice Production Revised Lower

India's rice production is forecast at 84.5 million tons (milled basis), down 1.0 million from last month, and slightly below last season's record level. The 1999/2000 rice area is now estimated at 44.5 million hectares, down 0.3 million from last month and matching the 1998/99 crop area. Cyclone 05B storm tracked inland into eastern Orissa during late October with high winds, heavy rains, and storm surges causing damage to the maturing kharif rice crop. Rice in the affected area will be limited by poor soil conditions due to the inundation of fields with salt water and the lack of irrigation facilities. In addition, below-normal precipitation in the southern states of Andhra Pradesh and Tamil Nadu hindered the rabi rice planting; however, recent rainfall has eased the dryness. Kharif (monsoon season) rice crop losses are expected to be partly offset by a higher rabi(winter) crop.

North Korea: Grain Situation Improved Over Last Year

The 1999/2000 total grain production (milled rice, corn and wheat) for North Korea is estimated 3.5 million tons, up slightly from 1998/99. Hot and dry weather in early summer stressed non-irrigated corn, barley, and other miscellaneous grains, but conditions were more favorable than in 1997, the last time the country was hit by a serious drought. Heavy rainfall in August reduced rice quality, and the southwest coast suffered minor flood losses from a late-season typhoon. Harvest weather was favorably dry.

Milled rice production is estimated at 1.6 million tons, up 0.1 million from last month and 0.2 million from last year due to higher yield. Area was unchanged at 0.6 million hectares, and yield reached an estimated 3.86 tons per hectare, the highest since 1990/91. An increase in the area planted to improved variety rice, timely rainfall, a larger supply of fertilizer, and a lack of major pest or disease problems contributed to the improved yield this season.

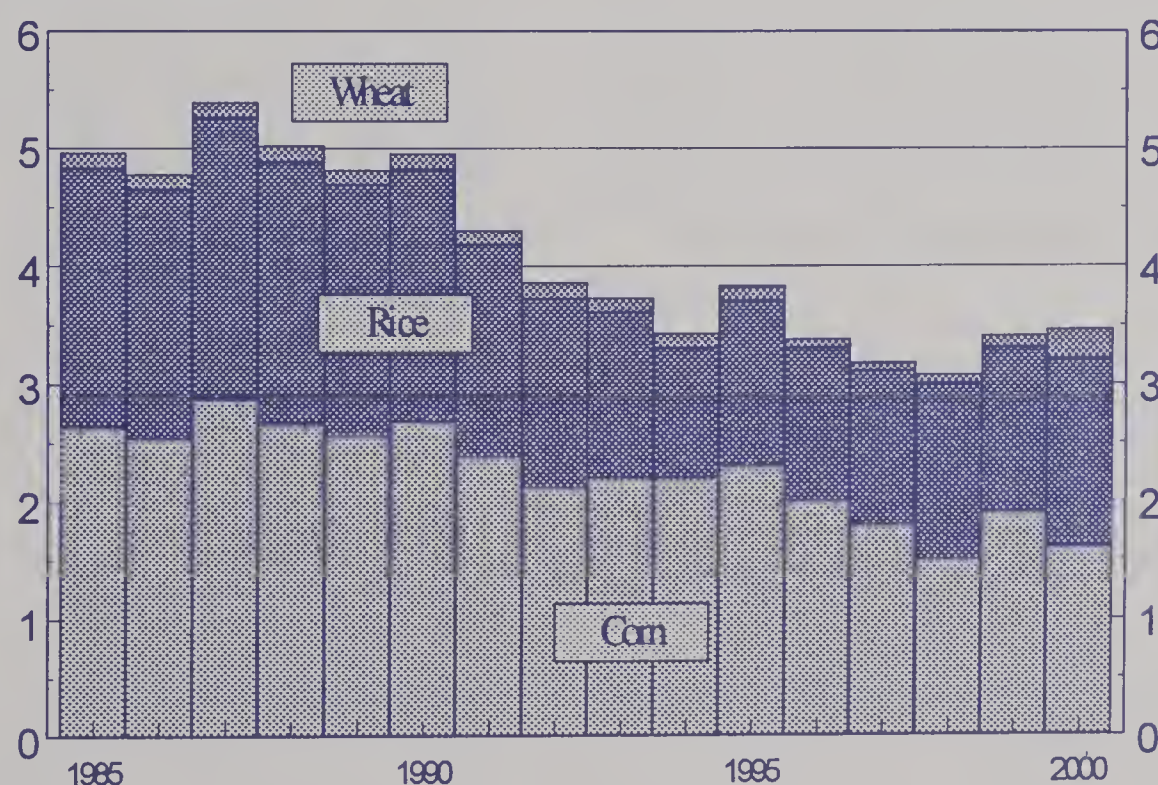
Corn production is revised downward this month by 0.1 million tons to 1.6 million in response to lower estimated area and yield. Area is estimated at 575,000 hectares, down 50,000 from last year, as farmers were encouraged to take marginal land out of production and shift from corn to other crops, such as potatoes. The estimated yield of 2.78 tons per hectare is lower than last year due to stressful conditions in June and July, but still higher than the drought-reduced crop of 1997/98.

Wheat/barley production is estimated at 250,000 tons, more than twice the size of last year's crop, due to a large increase in planted area and higher yield. The North Korean government and international aid agencies have promoted the expansion of double-cropped winter wheat and barley as a way to increase total grain output. Estimated winter wheat yield is higher than normal due to favorable spring weather.

With the active participation of international aid agencies, the North Korea government is encouraging farmers to plant a greater variety of crops, increase the use of higher-yielding seeds, expand double-cropping and crop rotation, and adopt a more rational use of arable land. The agricultural system in North Korea is slowly beginning to show signs of recovery from a series of damaging floods and droughts in the 1990's, but grain deficits will remain for the near term.

Grain Production in North Korea

Million metric tons



South America: Dry Conditions Put Oilseeds at Risk

South America oilseed production is lowered this month by 320,000 metric tons to 62.1 million; however, further drops in production may occur if regional dryness persists. Worst hit have been, northern Argentina, most of Paraguay, southeastern Bolivia, and western regions of Parana and Mato Grosso do Sul in Brazil. On the other hand, planting conditions in some important producing regions, for example Buenos Aires province in Argentina and the state of Mato Grosso in Brazil, have been excellent in the last few weeks.

Though past its optimum, the planting season in Paraguay remains open, and rainfall in the next weeks will allow crops to establish before the more critical part of the growing season in February and March. Paraguay soybean output is currently estimated at 3.0 million tons, unchanged from last season. Bolivian soybean production is estimated 100,000 tons lower this month at 950,000. Yield is estimated at 1.9 tons per hectare, better than the 1.6 tons of last year's drought-devastated crop, but below the 5-year average. The cottonseed region in northern Argentina has been dry, and the cottonseed-harvested-area estimate is lowered this month by 35 percent to 325,000 hectares, with production dropping from 350,000 to 230,000 tons. The outlook for soybeans in western Parana and Mato

Grosso do Sul is much the same as it is in Paraguay. Rain is needed to allow for planting and establishment of the crop. The soybean production estimate for Brazil is unchanged this month at 31.0 million tons.

Argentina: Cotton Production Slashed Due to Dry Conditions

The 199/2000 cotton production estimate for Argentina is lowered this month to 0.55 million bales, down 0.35 million or 39 percent from last month and last season. Harvested area is estimated at 325,000 hectares, down 175,000 or 35 percent from last month and or 50 percent from last season. Dry conditions have persisted in the cotton-growing region during the previous three months, the normal planting period for cotton. Soil moisture continues to remain low at the surface and subsurface causing delays in planting and affecting development of the crop planted earlier in the season. Recent rains have been light and had little impact on this long-term dryness. Planting is normally 70 to 80 percent complete by this time. However, if moisture conditions do not improve, there may be little, if any, additional planting in the coming weeks. As the planting period ends, farmers may elect to plant shorter-season, lower-yielding varieties of cotton or decide to plant soybeans instead.

TABLE 1

U.S. Crop Acreage, Yield, and Production

COMMODITY	Planted Area			Harvested Area			Yield			Production		
	1997/98	1998/99	Proj. 1999/00	1997/98	1998/99	Proj. 1999/00	1997/98	1998/99	Prel. 1999/00 Proj. Nov. Dec.	1997/98	1998/99	Prel. 1999/00 Proj. Nov. Dec.
All Wheat Winter Other	--Million acres--			--Million acres--			--Bushels per acre--			--Million bushels--		
	70.4	65.8	63.0	62.8	59.0	54.1	39.5	43.2	42.7	2,481	2,547	2,308
	48.0	46.4	43.4	41.3	40.1	35.5	44.6	46.9	47.8	1,846	1,881	1,698
	22.4	19.4	19.6	21.5	18.9	18.6	29.5	35.2	32.8	635	666	610
Soybeans	70.0	72.0	74.1	69.1	70.4	72.8	38.9	38.9	36.7	2,689	2,741	2,673
Corn	79.5	80.2	77.6	72.7	72.6	70.9	126.7	134.4	134.5	9,207	9,761	9,537
Sorghum	10.1	9.6	9.3	9.2	7.7	8.5	69.2	67.3	70.1	634	520	596
Barley	6.7	6.3	5.2	6.2	5.9	4.8	58.1	60.0	59.2	360	352	282
Oats	5.1	4.9	4.7	2.8	2.8	2.5	59.5	60.2	59.7	167	166	147
Rice							--Pounds per acre--			--Million CWT--		
	3.1	3.4	3.6	3.1	3.3	3.6	5,897	5,669	5,929	183.0	188.1	211.7
All Cotton	13.9	13.4	14.6	13.4	10.7	13.4	673	625	592	18.8	13.9	16.5
										--Million 480-pound bales--		

TABLE 2
World Crop Production Summary

Commodity	World	Total Foreign	North America			Europe		Asia				South America		Selected Other			All Others							
			United States	Canada	Mexico	Europe Union	Oth. Europe	W. Europe	FSU-12			China	India	Indonesia	Paki- stan	Thai- land		Argen- tina	Brazil	Aus- tralia	South Africa	Turkey		
---Million metric tons---																								
<u>Wheat</u> 1997/98 1998/99 prel. 1999/00 proj. Nov. Dec.	609.3	541.8	67.5	24.3	3.6	94.2	0.9	34.3	80.3	123.3	69.4	0.0	16.7	0.0	14.8	2.4	19.4	2.5	16.0	39.8				
	588.7	519.3	69.3	24.1	3.3	103.0	0.9	33.7	56.0	109.7	65.9	0.0	18.7	0.0	12.0	2.2	22.1	1.7	18.5	47.4				
	584.7	521.9	62.8	26.0	3.1	96.4	0.9	28.7	65.9	115.0	71.5	0.0	18.2	0.0	14.0	2.2	23.0	1.6	16.5	38.7				
	584.2	521.4	62.8	26.9	3.1	96.6	0.9	28.7	64.4	115.0	71.5	0.0	17.9	0.0	14.5	2.2	23.0	1.5	16.5	38.7				
<u>Coarse Grains</u> 1997/98 1998/99 prel. 1999/00 proj. Nov. Dec.	882.8	622.4	260.4	25.1	23.1	109.4	1.7	59.0	67.9	114.7	31.0	5.7	1.8	3.9	24.7	31.3	9.5	8.0	10.0	95.6				
	890.4	618.9	271.5	26.6	24.5	105.4	1.7	51.1	37.8	145.1	31.1	6.5	1.9	4.5	17.7	33.2	9.6	7.5	10.6	104.0				
	876.5	610.5	265.9	26.0	26.2	101.8	1.6	51.1	41.6	139.1	28.5	6.2	1.8	4.5	19.9	34.9	7.7	9.0	10.0	100.7				
	876.5	610.5	265.9	26.8	26.2	102.4	1.7	51.3	41.1	139.1	28.5	6.2	1.8	4.3	19.9	33.9	8.0	8.9	10.0	100.4				
<u>Rice (Milled)</u> 1997/98 1998/99 prel. 1999/00 proj. Nov. Dec.	386.7	380.9	5.8	0.0	0.3	1.8	0.0	0.0	0.8	140.5	82.3	31.1	4.3	15.5	0.7	5.8	1.0	0.0	0.2	96.6				
	391.7	385.6	6.1	0.0	0.3	1.7	0.0	0.0	0.8	139.1	84.7	32.1	4.7	15.0	1.1	7.8	1.0	0.0	0.2	97.0				
	396.8	389.9	6.9	0.0	0.3	1.7	0.0	0.0	0.7	141.0	85.5	32.1	4.8	15.4	0.8	6.8	1.0	0.0	0.2	99.6				
	395.9	389.0	6.9	0.0	0.3	1.7	0.0	0.0	0.7	141.0	84.5	32.1	4.8	15.4	0.8	6.8	0.8	0.0	0.2	99.9				
<u>Total Grains 1/</u> 1997/98 1998/99 prel. 1999/00 proj. Nov. Dec.	1,878.8	1,545.1	333.7	49.4	27.1	205.4	2.6	93.4	149.0	378.4	182.6	36.8	22.8	19.4	40.1	39.5	29.9	10.5	26.3	232.0				
	1,870.8	1,523.8	347.0	50.6	28.1	210.1	2.6	84.9	94.7	393.9	181.7	38.6	25.3	19.5	30.8	43.2	32.7	9.2	29.3	248.4				
	1,858.0	1,522.3	335.7	52.0	29.6	200.0	2.6	79.9	108.2	395.1	185.5	38.3	24.8	19.9	34.7	43.9	31.6	10.6	26.7	239.0				
	1,856.6	1,520.9	335.7	53.6	29.6	200.7	2.6	80.1	106.2	395.1	184.5	38.3	24.5	19.7	35.2	42.9	31.8	10.4	26.7	239.1				
<u>Oilseeds 2/</u> 1997/98 1998/99 prel. 1999/00 proj. Nov. Dec.	287.0	203.9	83.1	9.2	0.7	15.0	0.1	4.2	9.0	43.4	24.3	2.3	3.7	0.5	26.2	33.4	2.0	0.9	2.0	27.1				
	293.6	209.2	84.4	10.4	0.6	15.2	0.1	5.3	9.0	44.2	25.9	2.3	3.3	0.5	27.4	32.0	3.0	1.5	2.1	26.5				
	297.1	214.0	83.2	11.4	0.4	16.7	0.1	6.5	10.7	44.9	24.2	2.3	4.0	0.5	25.6	32.0	3.4	1.0	2.1	28.1				
	296.9	213.6	83.3	11.7	0.5	16.5	0.1	6.5	10.7	44.9	24.3	2.3	4.0	0.5	25.5	31.9	3.4	1.0	2.1	28.0				
---Million 480-pound bales---																								
<u>Cotton</u> 1997/98 1998/99 prel. 1999/00 proj. Nov. Dec.	91.6	72.8	18.8	0.0	1.0	2.2	0.0	0.0	7.1	21.1	12.3	0.0	7.2	0.0	1.4	1.7	3.1	0.2	3.7	11.8				
	84.5	70.6	13.9	0.0	1.0	2.2	0.0	0.0	6.6	20.7	12.7	0.0	6.3	0.0	0.9	2.1	3.3	0.2	3.9	10.6				
	87.3	70.8	16.5	0.0	0.6	2.3	0.0	0.0	7.5	19.0	12.7	0.0	7.8	0.0	0.9	2.1	3.1	0.2	3.9	10.6				
	87.4	70.5	16.9	0.0	0.6	2.3	0.0	0.0	7.6	19.0	13.0	0.0	7.8	0.0	0.6	1.9	3.1	0.2	3.9	10.5				

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.

Note: Entries of 0.0 indicate no reported or insignificant production.

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 3
Wheat Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	227.89	224.67	216.57	216.49	2.67	2.62	2.70	2.70	609.33	588.66	584.68	584.16	-0.52	-0.09	-4.49	-0.76
United States	25.43	23.88	21.88	21.88	2.66	2.90	2.87	2.87	67.53	69.33	62.81	62.81	0.00	0.00	-6.52	-9.40
Total Foreign	202.46	200.79	194.69	194.61	2.68	2.59	2.68	2.68	541.80	519.33	521.87	521.35	-0.52	-0.10	2.02	0.39
Major Exporters	44.55	44.58	44.98	45.04	3.43	3.62	3.54	3.57	152.68	161.22	159.44	160.91	1.48	0.93	-0.31	-0.19
European Union	17.13	17.09	16.88	16.88	5.50	6.03	5.71	5.72	94.18	103.04	96.44	96.56	0.12	0.13	-6.48	-6.29
France	5.11	5.23	5.22	5.22	6.61	7.60	7.09	7.09	33.76	39.79	37.00	37.00	0.00	0.00	-2.79	-7.02
United Kingdom	2.04	2.05	1.85	1.85	7.38	7.56	8.27	8.27	15.02	15.47	15.30	15.30	0.00	0.00	-0.17	-1.07
Germany	2.72	2.80	2.70	2.70	7.29	7.20	7.26	7.26	19.83	20.18	19.60	19.60	0.00	0.00	-0.58	-2.86
Canada	11.41	10.77	10.30	10.36	2.13	2.24	2.52	2.59	24.28	24.08	26.00	26.85	0.85	3.27	2.77	11.52
Australia	10.31	11.58	12.00	12.00	1.88	1.91	1.92	1.92	19.42	22.11	23.00	23.00	0.00	0.00	0.89	4.03
Argentina	5.70	5.13	5.80	5.80	2.60	2.34	2.41	2.50	14.80	12.00	14.00	14.50	0.50	3.57	2.50	20.83
Major Importers	93.80	90.18	85.37	85.32	2.67	2.37	2.60	2.58	250.08	213.67	221.66	220.16	-1.50	-0.68	6.49	3.04
China	30.06	29.77	29.00	29.00	4.10	3.69	3.97	3.97	123.30	109.73	115.00	115.00	0.00	0.00	5.27	4.80
FSU-12	48.26	44.65	42.62	42.62	1.66	1.26	1.55	1.51	80.34	56.04	65.93	64.43	-1.50	-2.28	8.39	14.98
Russia	26.10	26.00	24.00	24.00	1.69	1.03	1.33	1.27	44.20	26.90	32.00	30.50	-1.50	-4.69	3.60	13.38
Ukraine	6.51	5.64	5.90	5.90	2.83	2.65	2.37	2.37	18.40	14.94	14.00	14.00	0.00	0.00	-0.94	-6.27
Kazakhstan	11.50	9.10	9.00	9.00	0.78	0.52	1.22	1.22	8.95	4.70	11.00	11.00	0.00	0.00	6.30	134.04
Baltic States	0.57	0.58	0.58	0.58	2.69	2.61	2.61	2.61	1.55	1.50	1.50	1.50	0.00	0.00	0.00	0.00
Eastern Europe	9.86	9.66	8.24	8.19	3.48	3.49	3.49	3.51	34.35	33.74	28.73	28.73	0.00	0.00	-5.01	-14.84
Poland	2.56	2.63	2.58	2.58	3.21	3.62	3.53	3.53	8.19	9.54	9.10	9.10	0.00	0.00	-0.44	-4.58
Romania	2.35	1.97	1.65	1.60	3.06	2.64	2.79	2.88	7.19	5.20	4.60	4.60	0.00	0.00	-0.60	-11.54
Egypt	1.04	1.02	1.03	1.03	5.60	5.99	6.02	6.02	5.85	6.09	6.20	6.20	0.00	0.00	0.11	1.76
Morocco	2.49	3.09	2.70	2.70	0.93	1.42	0.78	0.78	2.32	4.38	2.10	2.10	0.00	0.00	-2.28	-52.03
Brazil	1.51	1.43	1.20	1.20	1.58	1.54	1.83	1.83	2.38	2.20	2.20	2.20	0.00	0.00	0.00	0.00
Other Foreign	64.11	66.03	64.35	64.25	2.17	2.19	2.19	2.18	139.04	144.43	140.78	140.28	-0.49	-0.35	-4.15	-2.87
India	25.89	26.69	26.80	26.80	2.68	2.47	2.67	2.67	69.35	65.91	71.50	71.50	0.00	0.00	5.59	8.49
Turkey	8.50	8.55	8.65	8.65	1.88	2.16	1.91	1.91	16.00	18.50	16.50	16.50	0.00	0.00	-2.00	-10.81
Pakistan	8.11	8.36	8.33	8.23	2.05	2.24	2.18	2.17	16.65	18.69	18.20	17.85	-0.35	-1.90	-0.84	-4.49
Mexico	0.80	0.77	0.75	0.75	4.54	4.22	4.13	4.13	3.64	3.25	3.10	3.10	0.00	0.00	-0.15	-4.62
Saudi Arabia	0.34	0.34	0.34	0.34	5.36	5.37	5.37	5.37	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
South Africa	1.38	0.75	0.72	0.72	1.77	2.27	2.22	2.08	2.45	1.70	1.60	1.50	-0.10	-6.25	-0.20	-11.76
Others	19.09	20.59	18.76	18.77	1.53	1.68	1.50	1.49	29.15	34.58	28.08	28.03	-0.05	-0.17	-6.55	-18.95

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 4

Total Coarse Grain Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
World	310.98	308.78	303.90	303.92	2.84	2.88	2.88	2.88	882.84	890.45	876.46	876.47	0.02	0.00	-13.98	-1.57
United States	36.89	36.16	35.22	35.22	7.06	7.51	7.55	7.55	260.43	271.53	265.94	265.94	0.00	0.00	-5.59	-2.06
Total Foreign	274.10	272.62	268.68	268.70	2.27	2.27	2.27	2.27	622.42	618.92	610.52	610.54	0.02	0.00	-8.39	-1.35
Major Exporters																
Canada	49.34	49.43	49.50	49.46	3.69	4.18	4.07	4.10	182.00	206.52	201.61	202.67	1.06	0.52	-3.86	-1.87
Argentina	7.59	7.38	7.03	6.94	3.31	3.60	3.70	3.86	25.12	26.57	26.00	26.77	0.77	2.95	0.20	0.76
Australia	4.67	3.88	4.46	4.46	5.28	4.57	4.47	4.47	24.67	17.74	19.90	19.90	0.00	0.00	2.16	12.18
South Africa	5.09	4.85	4.06	4.12	1.87	1.98	1.89	1.95	9.52	9.60	7.66	8.01	0.35	4.57	-1.60	-16.62
China	3.94	3.83	4.17	4.15	2.04	1.96	2.15	2.14	8.04	7.52	8.96	8.90	-0.06	-0.67	1.38	18.34
	28.05	29.49	29.80	29.80	4.09	4.92	4.67	4.67	114.65	145.10	139.10	139.10	0.00	0.00	-6.00	-4.14
Major Importers																
FSU-12	86.71	81.41	78.38	78.35	3.04	2.74	2.87	2.88	263.84	223.34	225.07	225.45	0.39	0.17	2.11	0.95
Russia	38.88	33.50	31.37	31.37	1.75	1.13	1.32	1.31	67.86	37.84	41.57	41.07	-0.50	-1.20	3.23	8.53
Ukraine	25.19	22.10	20.60	20.60	1.62	0.86	1.11	1.09	40.85	18.95	22.90	22.40	-0.50	-2.18	3.45	18.21
Kazakhstan	6.50	5.92	5.25	5.25	2.38	1.76	1.85	1.85	15.46	10.45	9.70	9.70	0.00	0.00	-0.75	-7.18
	3.67	2.14	2.15	2.15	0.79	0.63	1.29	1.29	2.91	1.34	2.77	2.77	0.00	0.00	1.43	106.72
Baltic States	1.23	1.23	1.23	1.23	2.25	2.24	2.24	2.24	2.77	2.76	2.76	2.76	0.00	0.00	0.00	0.00
European Union	20.50	20.05	18.92	19.01	5.34	5.26	5.38	5.39	109.43	105.42	101.79	102.43	0.64	0.63	-2.99	-2.84
Germany	4.30	4.24	4.12	4.12	5.97	5.76	5.92	5.98	25.66	24.44	24.40	24.65	0.25	1.00	0.21	0.85
France	3.99	3.92	3.71	3.73	7.32	7.22	7.19	7.23	29.21	28.28	26.66	26.96	0.30	1.13	-1.32	-4.68
Eastern Europe	16.40	16.12	15.70	15.56	3.60	3.17	3.26	3.30	58.97	51.12	51.13	51.33	0.20	0.39	0.21	0.41
Poland	6.34	6.21	6.04	6.04	2.71	2.84	2.73	2.73	17.21	17.61	16.48	16.48	0.00	0.00	-1.13	-6.43
Romania	3.88	3.80	3.83	3.68	3.86	2.67	3.08	3.11	14.95	10.14	11.78	11.43	-0.35	-2.97	1.29	12.72
Czech Rep.	0.84	0.77	0.69	0.69	3.79	3.55	3.99	3.99	3.19	2.72	2.75	2.75	0.00	0.00	0.03	0.95
Mexico	9.34	10.18	10.80	10.80	2.48	2.41	2.42	2.42	23.11	24.54	26.18	26.18	0.00	0.00	1.64	6.68
Other W. Europe	0.37	0.35	0.35	0.37	4.58	4.80	4.65	4.58	1.70	1.67	1.65	1.70	0.05	3.04	0.03	1.68
Other Foreign																
Thailand	138.04	141.77	140.80	140.89	1.28	1.33	1.31	1.29	176.58	189.05	183.85	182.42	-1.43	-0.78	-6.64	-3.51
India	1.24	1.45	1.41	1.36	3.15	3.10	3.19	3.16	3.90	4.50	4.50	4.30	-0.20	-4.44	-0.20	-4.44
Brazil	31.02	29.86	30.00	30.00	1.00	1.04	0.95	0.95	30.95	31.08	28.50	28.50	0.00	0.00	-2.58	-8.31
Turkey	12.06	12.93	13.06	12.96	2.59	2.57	2.67	2.62	31.27	33.22	34.91	33.91	-1.00	-2.86	0.69	2.08
Indonesia	4.71	4.68	4.68	4.68	2.13	2.26	2.14	2.14	10.05	10.58	10.02	10.02	0.00	0.00	-0.56	-5.31
Philippines	2.90	3.20	3.00	3.00	1.97	2.03	2.07	2.07	5.70	6.50	6.20	6.20	0.00	0.00	-0.30	-4.62
Others	2.37	2.77	2.70	2.70	1.49	1.77	1.61	1.67	3.53	4.89	4.35	4.50	0.15	3.45	-0.39	-8.05
	83.75	86.89	85.95	86.20	1.09	1.13	1.11	1.10	91.18	98.28	95.37	94.99	-0.38	-0.40	-3.29	-3.35

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 5
Corn Area, Yield, and Production
 World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
World	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
	135.62	139.02	140.11	139.94	4.24	4.35	4.29	4.29	574.87	605.05	600.68	600.72	0.05	0.01	-4.33	-0.72
	29.41	29.38	28.70	28.70	7.95	8.44	8.44	8.44	233.86	247.94	242.25	242.25	0.00	0.00	-5.69	-2.29
	106.21	109.63	111.41	111.24	3.21	3.26	3.22	3.22	341.01	357.11	358.42	358.47	0.05	0.01	1.36	0.38
Major Exporters	29.91	30.69	32.10	32.10	4.39	5.00	4.74	4.74	131.20	153.55	152.00	152.00	0.00	0.00	-1.55	-1.01
	3.18	2.55	3.10	3.10	6.10	5.29	5.00	5.00	19.36	13.50	15.50	15.50	0.00	0.00	2.00	14.81
	2.96	2.90	3.20	3.20	2.55	2.45	2.66	2.66	7.54	7.10	8.50	8.50	0.00	0.00	1.40	19.72
	23.78	25.24	25.80	25.80	4.39	5.27	4.96	4.96	104.30	132.95	128.00	128.00	0.00	0.00	-4.95	-3.73
Major Importers	21.48	21.50	21.20	21.23	4.60	3.89	4.07	4.11	98.88	83.70	86.38	87.18	0.80	0.93	3.48	4.16
	6.91	6.91	6.83	6.84	4.68	3.68	3.95	4.01	32.34	25.41	26.93	27.43	0.50	1.86	2.01	7.92
	3.03	3.00	3.00	3.00	4.18	2.83	3.33	3.33	12.68	8.50	10.00	10.00	0.00	0.00	1.50	17.65
	2.12	2.12	1.90	1.90	4.59	3.88	3.68	3.68	9.70	8.20	7.00	7.00	0.00	0.00	-1.20	-14.63
European Union	4.27	4.13	4.07	4.09	9.03	8.48	8.82	8.85	38.52	35.04	35.92	36.22	0.30	0.84	1.17	3.35
	1.84	1.80	1.73	1.75	9.10	8.45	8.50	8.57	16.75	15.20	14.70	15.00	0.30	2.04	-0.20	-1.34
	1.04	0.97	1.00	1.00	9.63	8.88	10.00	10.00	10.01	8.60	10.00	10.00	0.00	0.00	1.40	16.28
	7.21	7.90	8.40	8.40	2.35	2.23	2.26	2.26	16.93	17.60	19.00	19.00	0.00	0.00	1.40	7.95
FSU-12	3.02	2.49	1.85	1.85	3.53	2.12	2.28	2.28	10.66	5.29	4.21	4.21	0.00	0.00	-1.08	-20.44
	0.85	0.80	0.60	0.60	3.18	1.00	1.67	1.67	2.70	0.80	1.00	1.00	0.00	0.00	0.20	25.00
	1.35	0.91	0.40	0.40	3.96	2.53	2.00	2.00	5.34	2.30	0.80	0.80	0.00	0.00	-1.50	-65.22
	0.03	0.02	0.03	0.03	8.80	8.41	8.80	8.80	0.22	0.19	0.22	0.22	0.00	0.00	0.04	18.92
Others	0.05	0.04	0.03	0.03	4.33	4.17	4.23	4.23	0.21	0.17	0.11	0.11	0.00	0.00	-0.06	-35.67
	54.82	57.45	58.11	57.91	2.02	2.09	2.07	2.06	110.93	119.86	120.05	119.29	-0.75	-0.63	-0.57	-0.48
	1.08	1.29	1.25	1.20	3.43	3.33	3.44	3.42	3.70	4.30	4.30	4.10	-0.20	-4.65	-0.20	-4.65
	11.39	12.27	12.50	12.40	2.64	2.62	2.72	2.66	30.08	32.11	34.00	33.00	-1.00	-2.94	0.89	2.77
India	6.31	5.98	6.30	6.30	1.72	1.80	1.67	1.67	10.85	10.78	10.50	10.50	0.00	0.00	-0.28	-2.60
	1.01	1.12	1.15	1.15	7.10	8.01	7.39	7.91	7.18	8.95	8.50	9.10	0.60	7.01	0.14	1.61
	2.90	3.20	3.00	3.00	1.97	2.03	2.07	2.07	5.70	6.50	6.20	6.20	0.00	0.00	-0.30	-4.62
	2.37	2.77	2.70	2.70	1.49	1.77	1.61	1.67	3.53	4.89	4.35	4.50	0.15	3.45	-0.39	-8.05
Egypt	0.84	0.74	0.80	0.80	7.18	7.61	7.63	7.63	6.01	5.61	6.10	6.10	0.00	0.00	0.49	8.83
	1.23	1.45	1.60	1.60	1.19	1.03	1.25	1.25	1.46	1.50	2.00	2.00	0.00	0.00	0.50	33.33
	27.71	28.64	28.81	28.76	1.53	1.58	1.53	1.52	42.42	45.22	44.10	43.80	-0.30	-0.68	-1.42	-3.15

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TABLE 6
Barley Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	64.98	61.25	56.66	56.84	2.38	2.24	2.32	2.31	154.59	137.18	131.69	131.18	-0.51	-0.39	-6.00	-4.37
United States	2.51	2.37	1.93	1.93	3.12	3.23	3.19	3.19	7.84	7.67	6.14	6.14	0.00	0.00	-1.53	-19.96
Total Foreign	62.47	58.87	54.74	54.92	2.35	2.20	2.29	2.28	146.76	129.51	125.55	125.04	-0.51	-0.40	-4.47	-3.45
European Union	11.86	11.41	10.83	10.88	4.44	4.55	4.53	4.52	52.61	51.90	49.02	49.16	0.14	0.29	-2.74	-5.28
Denmark	0.72	0.69	0.65	0.70	5.40	5.20	5.38	5.17	3.89	3.57	3.50	3.62	0.12	3.43	0.05	1.54
France	1.68	1.63	1.53	1.53	6.06	6.49	6.34	6.34	10.18	10.59	9.70	9.70	0.00	0.00	-0.89	-8.41
Germany	2.27	2.18	2.28	2.28	5.89	5.74	5.83	5.83	13.40	12.52	13.30	13.30	0.00	0.00	0.78	6.26
Italy	0.36	0.36	0.35	0.35	3.31	3.79	3.71	3.71	1.18	1.38	1.30	1.30	0.00	0.00	-0.08	-5.73
Spain	3.71	3.53	3.10	3.10	2.32	3.09	2.40	2.40	8.60	10.90	7.45	7.45	0.00	0.00	-3.45	-31.65
United Kingdom	1.33	1.26	1.17	1.17	5.89	5.28	5.84	5.84	7.83	6.63	6.80	6.80	0.00	0.00	0.17	2.56
FSU-12	21.12	18.08	17.19	17.19	1.62	1.08	1.37	1.34	34.19	19.46	23.59	23.09	-0.50	-2.12	3.63	18.65
Russia	12.60	11.30	10.50	10.50	1.65	0.87	1.19	1.14	20.80	9.80	12.50	12.00	-0.50	-4.00	2.20	22.45
Ukraine	3.70	3.57	3.50	3.50	2.00	1.65	1.86	1.86	7.41	5.87	6.50	6.50	0.00	0.00	0.63	10.73
Kazakstan	3.34	1.80	1.80	1.80	0.80	0.61	1.39	1.39	2.67	1.10	2.50	2.50	0.00	0.00	1.40	127.27
Baltic States	0.83	0.83	0.83	0.83	2.33	2.33	2.33	2.33	1.94	1.93	1.93	1.93	0.00	0.00	0.00	0.00
Eastern Europe	3.67	3.43	3.25	3.10	3.27	3.08	3.09	3.14	12.01	10.56	10.03	9.73	-0.30	-2.99	-0.83	-7.86
Poland	1.24	1.14	1.10	1.10	3.11	3.17	3.09	3.09	3.87	3.61	3.40	3.40	0.00	0.00	-0.21	-5.87
Czech Rep.	0.65	0.58	0.55	0.55	3.84	3.62	4.04	4.04	2.49	2.09	2.20	2.20	0.00	0.00	0.11	5.11
Romania	0.62	0.55	0.55	0.40	3.06	2.25	2.45	2.50	1.89	1.24	1.35	1.00	-0.35	-25.93	-0.24	-19.35
Canada	4.70	4.27	4.10	4.07	2.88	2.98	3.17	3.24	13.53	12.71	13.00	13.20	0.20	1.51	0.49	3.83
Other W. Europe	0.23	0.21	0.21	0.23	4.33	4.62	4.40	4.19	0.97	0.95	0.93	0.94	0.02	1.84	-0.00	-0.53
Norway	0.18	0.16	0.16	0.18	3.77	3.92	3.75	3.53	0.66	0.62	0.60	0.62	0.02	2.83	-0.00	-0.48
Turkey	3.70	3.60	3.60	3.60	1.97	2.11	1.94	1.94	7.30	7.60	7.00	7.00	0.00	0.00	-0.60	-7.89
Australia	3.46	3.09	2.50	2.50	1.88	1.84	1.88	1.88	6.48	5.68	4.70	4.70	0.00	0.00	-0.98	-17.25
China	1.30	1.20	1.00	1.00	3.08	2.92	3.00	3.00	4.00	3.50	3.00	3.00	0.00	0.00	-0.50	-14.29
Morocco	2.00	2.43	2.10	2.10	0.66	0.81	0.67	0.67	1.32	1.97	1.40	1.40	0.00	0.00	-0.57	-28.93
India	0.76	0.85	0.80	0.80	1.93	1.95	1.88	1.88	1.46	1.67	1.50	1.50	0.00	0.00	-0.17	-10.13
Others	8.85	9.48	8.33	8.62	1.24	1.22	1.14	1.09	10.95	11.58	9.45	9.39	-0.06	-0.63	-2.19	-18.91

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TABLE 7
Oats Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change In Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	16.63	15.48	14.24	14.25	1.86	1.68	1.74	1.74	30.90	26.05	24.84	24.84	-0.00	-0.01	-1.21	-4.64
United States	1.14	1.12	0.99	0.99	2.13	2.16	2.14	2.14	2.43	2.41	2.13	2.13	0.00	0.00	-0.28	-11.71
Total Foreign	15.49	14.36	13.24	13.25	1.84	1.65	1.72	1.71	28.47	23.64	22.71	22.71	-0.00	-0.01	-0.93	-3.92
FSU-12	7.47	6.16	5.46	5.46	1.50	0.99	1.11	1.11	11.23	6.12	6.05	6.05	0.00	0.00	-0.07	-1.18
Russia	6.50	5.20	4.50	4.50	1.45	0.88	1.00	1.00	9.40	4.60	4.50	4.50	0.00	0.00	-0.10	-2.17
Ukraine	0.55	0.55	0.55	0.55	1.92	1.35	1.64	1.64	1.06	0.74	0.90	0.90	0.00	0.00	0.16	21.62
Belarus	0.34	0.30	0.30	0.30	2.06	2.33	1.83	1.83	0.70	0.70	0.55	0.55	0.00	0.00	-0.15	-21.43
Baltic States	0.16	0.16	0.16	0.16	2.13	2.13	2.13	2.13	0.34	0.34	0.34	0.34	0.00	0.00	0.00	0.00
Maj. Foreign Exporters	2.72	2.82	2.55	2.56	2.07	2.21	2.11	2.16	5.63	6.22	5.38	5.52	0.14	2.62	-0.70	-11.28
Canada	1.50	1.59	1.45	1.40	2.32	2.49	2.52	2.60	3.49	3.96	3.65	3.64	-0.01	-0.25	-0.32	-8.01
Australia	0.93	0.95	0.82	0.88	1.75	1.98	1.65	1.70	1.63	1.88	1.35	1.50	0.15	11.11	-0.38	-20.21
Argentina	0.29	0.28	0.28	0.28	1.76	1.40	1.36	1.36	0.51	0.39	0.38	0.38	0.00	0.00	-0.00	-1.30
Other Foreign	5.14	5.22	5.07	5.07	2.20	2.10	2.16	2.13	11.28	10.96	10.95	10.80	-0.14	-1.31	-0.15	-1.39
China	0.45	0.55	0.50	0.50	0.89	1.18	1.20	1.20	0.40	0.65	0.60	0.60	0.00	0.00	-0.05	-7.69
European Union	2.00	1.94	1.83	1.83	3.33	3.22	3.41	3.34	6.66	6.24	6.24	6.11	-0.13	-2.08	-0.13	-2.08
France	0.13	0.14	0.12	0.12	4.24	4.73	4.67	4.67	0.56	0.66	0.56	0.56	0.00	0.00	-0.10	-14.89
Germany	0.31	0.26	0.28	0.28	5.16	4.84	4.82	4.82	1.60	1.28	1.35	1.35	0.00	0.00	0.07	5.63
Italy	0.15	0.15	0.15	0.15	2.06	2.49	2.47	2.47	0.31	0.38	0.37	0.37	0.00	0.00	-0.01	-2.12
Finland	0.37	0.39	0.39	0.39	3.37	2.52	2.82	2.54	1.24	0.98	1.10	0.99	-0.11	-10.00	0.01	1.54
Sweden	0.32	0.31	0.31	0.31	4.05	3.65	3.87	3.87	1.28	1.14	1.20	1.20	0.00	0.00	0.06	5.63
Eastern Europe	1.15	1.10	1.15	1.15	2.34	2.26	2.24	2.24	2.69	2.48	2.57	2.57	0.00	0.00	0.08	3.34
Czech Rep.	0.08	0.06	0.06	0.06	3.17	3.17	3.18	3.18	0.25	0.19	0.18	0.18	0.00	0.00	-0.02	-7.89
Poland	0.63	0.56	0.57	0.57	2.60	2.60	2.63	2.63	1.63	1.46	1.50	1.50	0.00	0.00	0.04	2.74
Yugoslavia	0.13	0.13	0.13	0.13	1.88	1.80	1.77	1.77	0.24	0.24	0.23	0.23	0.00	0.00	-0.01	-4.17
Norway	0.09	0.09	0.10	0.10	3.90	4.23	3.95	4.25	0.36	0.39	0.38	0.41	0.04	9.87	0.02	4.83
Turkey	0.16	0.17	0.15	0.15	1.77	1.80	1.72	1.72	0.28	0.31	0.25	0.25	0.00	0.00	-0.06	-19.35
Others	1.29	1.37	1.35	1.35	0.69	0.64	0.67	0.64	0.88	0.88	0.91	0.86	-0.05	-5.48	-0.01	-1.60

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TABLE 8
Rye Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield			Production			Change in Production			
	Prel.			Prel.			Prel.			From last month		From last year	
	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	MMT	Percent	MMT	Percent
	Million hectares			Metric tons per hectare			Million metric tons						
World	10.37	10.35	10.08	2.35	1.96	1.97	24.40	20.31	19.82	-0.04	-0.22	-0.53	-2.63
United States	0.13	0.17	0.16	1.62	1.78	1.80	0.21	0.30	0.28	0.00	0.00	-0.02	-7.00
Total Foreign	10.24	10.19	9.92	2.36	1.97	1.97	24.19	20.01	19.54	-0.04	-0.22	-0.51	-2.56
FSU-12	5.66	5.47	5.57	1.95	1.12	1.26	11.01	6.11	7.01	0.00	0.00	0.90	14.74
Russia	4.00	3.80	4.00	1.88	0.87	1.13	7.50	3.30	4.50	0.00	0.00	1.20	36.36
Ukraine	0.70	0.70	0.60	1.94	1.64	2.00	1.35	1.14	1.20	0.00	0.00	0.06	5.26
Belarus	0.89	0.90	0.90	2.36	1.78	1.39	2.10	1.60	1.25	0.00	0.00	-0.35	-21.88
Baltic States	0.24	0.24	0.24	2.08	2.04	2.04	0.49	0.49	0.49	0.00	0.00	0.00	0.00
Major Exporter													
Canada	0.16	0.20	0.18	1.98	1.95	2.29	0.32	0.40	0.40	-0.01	-3.25	-0.01	-2.76
Other Foreign	4.18	4.27	3.94	2.96	3.05	2.96	12.37	13.02	11.65	-0.03	-0.26	-1.40	-10.77
Eastern Europe	2.56	2.53	2.44	2.32	2.48	2.34	5.93	6.28	5.70	0.00	0.00	-0.58	-9.18
Hungary	0.07	0.06	0.04	2.00	2.08	2.00	0.14	0.13	0.08	0.00	0.00	-0.05	-37.98
Poland	2.30	2.29	2.24	2.31	2.47	2.32	5.30	5.66	5.20	0.00	0.00	-0.46	-8.19
Czech Rep.	0.08	0.07	0.06	3.41	3.63	3.64	0.26	0.26	0.20	0.00	0.00	-0.06	-23.37
European Union	1.34	1.46	1.18	4.51	4.37	4.69	6.03	6.36	5.55	-0.03	-0.47	-0.83	-13.11
Denmark	0.08	0.11	0.06	5.39	5.12	4.73	0.45	0.54	0.26	-0.02	-7.69	-0.30	-55.39
France	0.05	0.05	0.04	4.40	4.70	4.51	0.21	0.22	0.19	0.00	0.00	-0.03	-14.35
Germany	0.85	0.94	0.75	5.41	5.10	5.76	4.58	4.77	4.32	0.00	0.00	-0.45	-9.51
Spain	0.15	0.15	0.15	1.48	1.50	1.50	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Austria	0.06	0.06	0.06	3.63	4.29	3.88	0.21	0.24	0.23	0.00	0.00	-0.01	-4.66
Sweden	0.03	0.04	0.02	5.17	4.60	5.42	0.15	0.16	0.13	0.00	0.00	-0.03	-19.25
Turkey	0.15	0.15	0.18	1.60	1.61	1.39	0.24	0.24	0.25	0.00	0.00	0.01	5.49
Others	0.14	0.14	0.14	1.18	1.07	1.06	0.17	0.15	0.15	-0.00	-2.76	-0.00	-3.42

TABLE 9
Sorghum Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	41.53	40.88	41.40	41.38	1.42	1.47	1.47	1.48	58.84	60.02	60.98	61.15	0.17	0.28	1.14	1.90
United States	3.71	3.13	3.44	3.44	4.34	4.23	4.40	4.40	16.09	13.21	15.14	15.14	0.00	0.00	1.93	14.63
Total Foreign	37.82	37.75	37.96	37.94	1.13	1.24	1.21	1.21	42.74	46.81	45.84	46.01	0.17	0.37	-0.79	-1.70
India	10.99	10.24	10.40	10.40	0.73	0.83	0.77	0.77	7.98	8.53	8.00	8.00	0.00	0.00	-0.52	-6.16
China	1.08	1.10	1.10	1.10	3.36	4.55	4.09	4.09	3.64	5.00	4.50	4.50	0.00	0.00	-0.50	-10.00
Mexico	1.80	1.95	2.00	2.00	3.16	3.21	3.25	3.25	5.70	6.25	6.50	6.50	0.00	0.00	0.25	4.00
Nigeria	6.50	6.60	6.60	6.60	1.07	1.11	1.14	1.14	6.93	7.30	7.50	7.50	0.00	0.00	0.20	2.74
Sudan	5.70	6.00	6.00	6.00	0.56	0.72	0.72	0.72	3.20	4.30	4.30	4.30	0.00	0.00	0.00	0.00
Argentina	0.79	0.75	0.80	0.80	4.80	4.27	4.38	4.38	3.77	3.20	3.50	3.50	0.00	0.00	0.30	9.37
Australia	0.57	0.68	0.60	0.60	1.90	2.45	2.00	2.33	1.08	1.66	1.20	1.40	0.20	16.67	-0.26	-15.87
Ethiopia	1.50	1.60	1.60	1.60	1.33	1.06	1.06	1.06	2.00	1.70	1.70	1.70	0.00	0.00	0.00	0.00
Colombia	0.07	0.06	0.06	0.06	2.77	2.92	3.00	3.00	0.18	0.18	0.17	0.17	0.00	0.00	-0.01	-5.71
Venezuela	0.25	0.24	0.24	0.24	1.55	1.54	1.54	1.54	0.38	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Egypt	0.16	0.16	0.16	0.16	4.78	4.78	4.84	4.84	0.76	0.77	0.75	0.75	0.00	0.00	-0.01	-1.96
Yemen	0.38	0.38	0.40	0.40	0.96	1.00	0.90	0.90	0.36	0.38	0.36	0.36	0.00	0.00	-0.01	-4.00
Tanzania	0.63	0.50	0.50	0.50	0.80	0.85	0.80	0.80	0.50	0.43	0.40	0.40	0.00	0.00	-0.03	-5.88
Niger	1.40	1.50	1.50	1.50	0.30	0.47	0.40	0.40	0.43	0.70	0.60	0.60	0.00	0.00	-0.10	-14.29
South Africa	0.13	0.10	0.15	0.13	2.02	1.56	1.93	1.92	0.27	0.16	0.28	0.25	-0.03	-10.71	0.09	60.26
Thailand	0.16	0.16	0.16	0.16	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Others	5.74	5.74	5.70	5.70	0.94	0.99	0.97	0.97	5.37	5.70	5.52	5.52	0.00	0.00	-0.18	-3.23

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TABLE 10
Rice Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield (Rough)				Production (Milled)				Change in Production			
	Area				Yield (Rough)				Production (Milled)				Change in Production			
	1997/98	1998/99	1999/00 Proj.	Dec.	1997/98	1998/99	1999/00 Proj.	Dec.	1997/98	1998/99	1999/00 Proj.	Dec.	From last month	From last year	From last month	From last year
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	151.34	152.24	153.85	153.50	3.79	3.82	3.83	3.83	386.67	391.72	396.84	395.93	-0.91	-0.23	4.20	1.07
United States	1.26	1.34	1.45	1.45	6.61	6.36	6.65	6.65	5.77	6.14	6.91	6.91	0.00	0.00	0.77	12.59
Total Foreign	150.08	150.90	152.41	152.06	3.77	3.80	3.80	3.80	380.90	385.58	389.93	389.01	-0.91	-0.23	3.43	0.89
Major Exporters	63.05	64.27	64.59	64.29	2.89	2.91	2.92	2.91	121.24	124.43	125.50	124.50	-1.00	-0.80	0.07	0.06
Vietnam	7.38	7.54	7.50	7.50	3.92	4.01	4.00	4.00	19.09	19.97	19.80	19.80	0.00	0.00	-0.17	-0.84
Thailand	9.94	9.83	9.84	9.84	2.36	2.32	2.37	2.37	15.51	15.05	15.40	15.40	0.00	0.00	0.35	2.34
India	43.42	44.48	44.80	44.50	2.84	2.86	2.86	2.85	82.30	84.74	85.50	84.50	-1.00	-1.17	-0.24	-0.28
Pakistan	2.32	2.42	2.45	2.45	2.81	2.89	2.94	2.94	4.33	4.67	4.80	4.80	0.00	0.00	0.13	2.70
Major Importers	21.98	22.26	22.63	22.63	3.50	3.68	3.61	3.62	49.26	52.45	52.24	52.47	0.23	0.44	0.02	0.04
Indonesia	11.73	11.50	11.60	11.60	4.20	4.42	4.38	4.38	31.12	32.10	32.10	32.10	0.00	0.00	0.00	0.00
Brazil	3.29	3.72	3.60	3.60	2.60	3.08	2.78	2.78	5.82	7.79	6.80	6.80	0.00	0.00	-0.99	-12.66
European Union	0.42	0.42	0.40	0.40	6.37	6.17	6.72	6.63	1.80	1.69	1.75	1.73	-0.02	-1.14	0.04	2.55
Iran	0.60	0.60	0.58	0.58	4.00	4.38	4.18	4.18	1.60	1.75	1.60	1.60	0.00	0.00	-0.15	-8.57
Philippines	3.50	3.63	3.98	3.98	2.85	2.83	2.86	2.96	6.49	6.67	7.40	7.65	0.25	3.38	0.98	14.62
Nigeria	1.65	1.65	1.66	1.66	1.87	1.92	2.01	2.01	1.85	1.90	2.00	2.00	0.00	0.00	0.10	5.26
Other Foreign	65.05	64.37	65.19	65.14	4.71	4.72	4.74	4.74	210.40	208.70	212.18	212.04	-0.14	-0.07	3.34	1.60
China	31.77	31.21	31.30	31.30	6.32	6.37	6.44	6.44	140.49	139.10	141.00	141.00	0.00	0.00	1.90	1.37
Burma	5.60	5.60	5.80	5.80	2.74	2.86	2.84	2.84	8.90	9.30	9.55	9.55	0.00	0.00	0.25	2.69
Bangladesh	10.26	9.98	10.50	10.50	2.76	2.87	2.79	2.79	18.86	19.10	19.50	19.50	0.00	0.00	0.40	2.09
Japan	1.95	1.80	1.78	1.78	6.42	6.22	6.44	6.44	9.12	8.15	8.35	8.35	0.00	0.00	0.20	2.40
South Korea	1.05	1.06	1.07	1.07	7.00	6.51	6.62	6.62	5.45	5.10	5.22	5.22	0.00	0.00	0.12	2.35
Egypt	0.63	0.50	0.58	0.58	8.57	8.14	8.11	8.11	3.51	2.79	3.20	3.20	0.00	0.00	0.41	14.70
Taiwan	0.36	0.36	0.36	0.36	5.61	5.19	5.46	5.46	1.46	1.31	1.40	1.40	0.00	0.00	0.09	6.79
FSU-12	0.51	0.51	0.43	0.43	2.40	2.40	2.50	2.50	0.79	0.80	0.69	0.69	0.00	0.00	-0.10	-13.03
Russia	0.16	0.16	0.15	0.15	2.07	2.07	2.21	2.21	0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
Australia	0.14	0.15	0.15	0.12	9.44	9.14	8.86	8.83	0.95	0.99	0.95	0.76	-0.19	-20.21	-0.24	-23.74
Others	12.78	13.19	13.22	13.20	2.51	2.57	2.60	2.61	20.86	22.05	22.32	22.37	0.05	0.22	0.32	1.43

December 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 11

Total Oilseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	1997/98	1998/99	Prel.	1999/00 Proj.	1997/98	1998/99	Prel.	1999/00 Proj.	1997/98	1998/99	Prel.	1999/00 Proj.	From last month	From last year	MMT	Percent
				Nov.	Dec.			Nov.	Dec.			Nov.	Dec.			
World Total 1/ Total Foreign 1/ Copra Palm Kernel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Major Oilseeds 2/ United States 2/	165.92 35.35	171.92 35.28	175.69 37.35	175.36 37.35	1.63 2.23	1.65 2.39	1.63 2.23	1.63 2.23	276.40 83.10	283.17 84.38	285.56 83.16	285.35 83.28	-0.21 0.12	-0.07 0.15	2.19 -1.10	0.77 -1.30
Foreign Oilseeds 2/ South America Brazil	130.57 28.01 14.03	136.64 28.39 13.87	138.34 28.25 13.92	138.01 28.16 13.92	1.46 2.21 2.29	1.45 2.25 2.31	1.46 2.21 2.30	1.46 2.21 2.29	193.31 64.32 33.39	198.79 63.84 32.00	202.40 62.43 31.99	202.07 62.11 31.91	-0.33 -0.32 -0.08	-0.16 -0.51 -0.25	3.29 -1.73 -0.09	1.65 -2.71 -0.29
Argentina Paraguay	11.53 1.47	12.22 1.43	11.88 1.46	11.80 1.46	2.16 2.21	2.24 2.26	2.15 2.21	2.16 2.21	26.17 3.20	27.39 3.23	25.58 3.22	25.45 3.22	-0.13 0.00	-0.51 0.00	-1.94 -0.01	-7.08 -0.31
China India	23.75 30.50	23.95 32.55	24.20 31.10	24.20 31.10	1.85 0.80	1.85 0.79	1.85 0.78	1.85 0.78	43.41 24.25	44.22 25.85	44.85 24.20	44.85 24.30	0.00 0.10	0.00 0.41	0.63 -1.55	1.43 -6.01
European Union France	6.10 1.96	6.41 2.06	6.60 2.22	6.54 2.22	2.53 2.86	2.37 2.75	2.53 3.02	2.52 3.02	14.97 5.62	15.20 5.66	16.70 6.68	16.49 6.68	-0.21 0.00	-1.26 0.00	1.29 1.02	8.48 18.02
Italy	0.75	0.79	0.61	0.55	2.47	2.07	2.55	2.45	1.84	1.64	1.56	1.35	-0.21	-13.45	-0.29	-17.72
Germany	0.95	1.04	1.24	1.24	3.11	3.33	3.43	3.43	2.96	3.48	4.24	4.24	0.00	0.00	0.76	21.92
Spain	1.14	1.15	1.09	1.09	1.43	1.16	0.78	0.78	1.62	1.34	0.85	0.85	0.00	0.00	-0.48	-36.03
United Kingdom	0.47	0.53	0.56	0.56	3.23	2.97	3.21	3.21	1.52	1.58	1.80	1.80	0.00	0.00	0.22	14.29
FSU-12	9.13	10.23	11.96	11.93	0.98	0.88	0.90	0.89	8.97	8.96	10.74	10.67	-0.07	-0.70	1.71	19.04
Russia	4.10	4.69	5.92	5.92	0.78	0.72	0.72	0.72	3.18	3.40	4.24	4.24	0.00	0.00	0.84	24.71
Ukraine	2.06	2.51	3.05	3.02	1.15	0.94	0.97	0.94	2.37	2.35	2.95	2.85	-0.10	-3.23	0.50	21.12
Uzbekistan	1.48	1.49	1.50	1.50	1.55	1.35	1.50	1.53	2.30	2.00	2.25	2.30	0.05	2.22	0.30	15.00
Turkmenistan	0.45	0.48	0.48	0.48	0.82	0.87	1.01	1.01	0.37	0.42	0.48	0.48	0.00	0.00	0.07	15.66
Canada	5.99	6.47	6.69	6.65	1.54	1.61	1.71	1.76	9.20	10.44	11.42	11.68	0.26	2.31	1.25	11.97
Indonesia	1.76	1.75	1.75	1.75	1.31	1.32	1.32	1.32	2.30	2.30	2.30	2.30	0.00	0.00	0.00	0.00
Pakistan	3.52	3.45	3.59	3.59	1.04	0.96	1.11	1.11	3.66	3.30	3.99	3.99	0.00	0.00	0.70	21.07
Eastern Europe	2.86	3.23	3.85	3.85	1.48	1.63	1.69	1.69	4.25	5.27	6.51	6.51	0.00	0.00	1.24	23.55
Poland	0.32	0.47	0.54	0.54	1.88	2.36	2.21	2.21	0.60	1.10	1.20	1.20	0.00	0.00	0.10	9.19
Romania	0.85	0.97	1.14	1.14	1.17	1.22	1.24	1.24	0.99	1.18	1.41	1.41	0.00	0.00	0.23	19.46
Hungary	0.55	0.50	0.75	0.75	1.31	1.65	1.63	1.63	0.72	0.83	1.23	1.23	0.00	0.00	0.39	47.41
Turkey	1.31	1.34	1.33	1.33	1.50	1.54	1.60	1.60	1.97	2.07	2.13	2.13	0.00	0.00	0.06	2.91
Philippines	0.05	0.06	0.06	0.06	0.87	0.89	0.89	0.89	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00
Mexico	0.43	0.41	0.35	0.35	1.56	1.48	1.27	1.33	0.67	0.61	0.45	0.47	0.02	4.49	-0.14	-23.39
Others	17.16	18.41	18.62	18.51	0.89	0.91	0.89	0.89	15.31	16.70	16.65	16.54	-0.11	-0.65	-0.16	-0.98

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

TABLE 12
Soybean Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	1997/98	Prel.	1998/99	1999/00 Proj.	1997/98	Prel.	1998/99	1999/00 Proj.	1997/98	Prel.	1998/99	1999/00 Proj.	From last month	From last year		
World United States Total Foreign Major Exporters Brazil Argentina Paraguay Other Foreign China India Canada Indonesia Eastern Europe European Union FSU-12 Russia Ukraine Mexico Thailand North Korea Japan Bolivia South Korea Colombia Others	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
	68.88	70.48	70.64	70.68	2.29	2.26	2.19	2.18	158.07	158.93	154.35	154.12	-0.22	-0.15	-4.81	-3.03
	27.97	28.51	29.46	29.46	2.62	2.62	2.47	2.47	73.18	74.60	72.75	72.75	0.00	0.00	-1.85	-2.48
	40.91	41.97	41.18	41.22	2.08	2.01	1.98	1.97	84.90	84.33	81.60	81.37	-0.22	-0.27	-2.96	-3.51
	21.15	21.60	21.80	21.90	2.60	2.50	2.41	2.40	54.99	53.90	52.50	52.50	0.00	0.00	-1.40	-2.60
	13.00	12.90	12.90	12.90	2.50	2.40	2.40	2.40	32.50	31.00	31.00	31.00	0.00	0.00	0.00	0.00
	6.95	7.50	7.70	7.80	2.80	2.65	2.40	2.37	19.50	19.90	18.50	18.50	0.00	0.00	-1.40	-7.04
	1.20	1.20	1.20	1.20	2.49	2.50	2.50	2.50	2.99	3.00	3.00	3.00	0.00	0.00	0.00	0.00
	19.76	20.37	19.38	19.32	1.51	1.49	1.50	1.49	29.91	30.43	29.10	28.87	-0.22	-0.77	-1.56	-5.12
	8.35	8.20	7.80	7.80	1.76	1.83	1.79	1.79	14.73	15.00	14.00	14.00	0.00	0.00	-1.00	-6.67
	5.60	6.35	5.80	5.80	0.96	0.94	0.95	0.95	5.35	6.00	5.50	5.50	0.00	0.00	-0.50	-8.33
	1.06	0.98	1.00	1.00	2.58	2.79	2.70	2.77	2.74	2.74	2.70	2.77	0.07	2.44	0.03	1.06
1.09	1.08	1.08	1.08	1.20	1.21	1.21	1.21	1.31	1.30	1.30	1.30	0.00	0.00	0.00	0.00	
0.16	0.30	0.23	0.23	2.22	1.71	1.82	1.82	0.36	0.51	0.43	0.43	0.00	0.00	-0.09	-17.12	
0.46	0.52	0.43	0.37	3.44	2.96	3.32	3.30	1.57	1.54	1.41	1.20	-0.21	-14.86	-0.33	-21.63	
0.42	0.47	0.47	0.47	0.72	0.70	0.70	0.70	0.31	0.33	0.33	0.33	0.00	0.00	0.00	0.00	
0.40	0.44	0.44	0.44	0.69	0.68	0.68	0.68	0.28	0.30	0.30	0.30	0.00	0.00	0.00	0.00	
0.01	0.02	0.02	0.02	1.29	1.00	1.00	1.00	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	
0.13	0.09	0.10	0.10	1.48	1.61	1.16	1.37	0.19	0.14	0.11	0.13	0.02	18.18	-0.01	-9.09	
0.24	0.23	0.23	0.23	1.43	1.46	1.39	1.39	0.34	0.34	0.32	0.32	0.00	0.00	-0.02	-4.48	
0.33	0.33	0.34	0.34	1.29	1.29	1.32	1.32	0.42	0.42	0.45	0.45	0.00	0.00	0.03	7.14	
0.08	0.11	0.11	0.11	1.75	1.45	1.55	1.55	0.15	0.16	0.17	0.17	0.00	0.00	0.01	7.59	
0.54	0.40	0.50	0.50	2.00	1.55	2.10	1.90	1.07	0.62	1.05	0.95	-0.10	-9.52	0.33	53.23	
0.10	0.10	0.10	0.10	1.56	1.43	1.50	1.50	0.16	0.14	0.15	0.15	0.00	0.00	0.01	7.14	
0.04	0.04	0.04	0.04	2.17	2.17	2.20	2.20	0.08	0.08	0.09	0.09	0.00	0.00	0.01	15.79	
1.18	1.20	1.17	1.17	0.98	0.94	0.94	0.94	1.16	1.13	1.09	1.09	-0.00	-0.00	-0.03	-3.01	

TABLE 13

Cottonseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	33.77	32.91	32.76	32.54	1.04	1.00	1.03	1.04	35.06	32.76	33.77	33.77	0.00	0.01	1.01	3.08
United States	5.43	4.32	5.43	5.43	1.16	1.13	1.05	1.07	6.29	4.87	5.68	5.80	0.13	2.22	0.93	19.19
Total Foreign	28.34	28.59	27.33	27.11	1.02	0.98	1.03	1.03	28.77	27.90	28.09	27.97	-0.12	-0.43	0.07	0.27
China	4.49	4.46	3.90	3.90	1.84	1.82	1.91	1.91	8.28	8.10	7.45	7.45	0.00	0.00	-0.65	-8.02
FSU-12	2.47	2.50	2.47	2.47	1.24	1.13	1.29	1.30	3.07	2.83	3.18	3.20	0.02	0.63	0.37	13.05
Uzbekistan	1.48	1.49	1.50	1.50	1.55	1.35	1.50	1.53	2.30	2.00	2.25	2.30	0.05	2.22	0.30	15.00
Turkmenistan	0.45	0.48	0.48	0.48	0.82	0.87	1.01	1.01	0.37	0.42	0.48	0.48	0.00	0.00	0.07	15.66
India	8.90	9.30	8.70	8.70	0.59	0.58	0.62	0.63	5.24	5.40	5.40	5.50	0.10	1.85	0.10	1.80
Pakistan	2.96	2.90	3.00	3.00	1.06	0.95	1.13	1.13	3.12	2.75	3.40	3.40	0.00	0.00	0.65	23.64
Brazil	0.85	0.80	0.85	0.85	0.76	0.98	0.93	0.84	0.65	0.78	0.79	0.71	-0.08	-10.13	-0.07	-9.21
Turkey	0.72	0.76	0.73	0.73	1.65	1.70	1.79	1.79	1.19	1.29	1.30	1.30	0.00	0.00	0.01	0.78
African Franc Zone	2.24	2.35	2.38	2.38	0.72	0.65	0.65	0.64	1.61	1.51	1.55	1.53	-0.02	-1.10	0.01	0.92
Australia	0.44	0.55	0.45	0.45	2.15	1.79	2.18	2.18	0.94	0.99	0.98	0.98	0.00	0.00	-0.01	-1.01
Egypt	0.37	0.28	0.28	0.28	1.28	1.36	1.38	1.38	0.48	0.38	0.38	0.38	0.00	0.00	0.00	0.00
Argentina	0.85	0.65	0.50	0.33	0.64	0.54	0.70	0.71	0.55	0.35	0.35	0.23	-0.12	-34.29	-0.12	-34.29
Paraguay	0.20	0.14	0.18	0.18	0.60	0.71	0.63	0.63	0.12	0.10	0.11	0.11	0.00	0.00	0.01	10.00
Greece	0.39	0.41	0.43	0.43	1.44	1.39	1.39	1.39	0.56	0.57	0.59	0.59	0.00	0.00	0.02	2.97
Syria	0.25	0.27	0.24	0.24	2.78	2.50	2.58	2.58	0.70	0.68	0.62	0.62	0.00	0.00	-0.06	-8.69
Mexico	0.20	0.23	0.16	0.16	1.67	1.48	1.28	1.28	0.33	0.34	0.21	0.21	0.00	0.00	-0.13	-39.53
Colombia	0.05	0.06	0.06	0.06	1.31	1.35	1.13	1.13	0.07	0.07	0.07	0.07	0.00	0.00	-0.01	-8.11
Sudan	0.27	0.15	0.23	0.23	0.79	0.85	0.85	0.85	0.21	0.13	0.19	0.19	0.00	0.00	0.06	50.00
Others	2.68	2.79	2.81	2.76	0.61	0.58	0.55	0.55	1.64	1.62	1.54	1.51	-0.02	-1.56	-0.11	-6.49

TABLE 14
Peanut Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	19.97	21.27	21.14	21.16	1.33	1.36	1.31	1.31	26.63	28.87	27.79	27.80	0.01	0.05	-1.06	-3.68
United States	0.57	0.59	0.58	0.58	2.81	3.03	2.99	2.99	1.61	1.80	1.74	1.74	0.00	0.00	-0.06	-3.45
Total Foreign	19.39	20.67	20.56	20.57	1.29	1.31	1.27	1.27	25.03	27.07	26.05	26.07	0.01	0.06	-1.00	-3.69
China	3.72	4.04	4.30	4.30	2.59	2.94	2.86	2.86	9.65	11.89	12.30	12.30	0.00	0.00	0.41	3.48
India	7.20	8.10	7.80	7.80	1.05	0.92	0.77	0.77	7.58	7.45	6.00	6.00	0.00	0.00	-1.45	-19.46
Indonesia	0.65	0.65	0.65	0.65	1.52	1.52	1.52	1.52	0.99	0.99	0.99	0.99	0.00	0.00	0.00	0.00
Senegal	0.73	0.62	0.62	0.62	0.70	0.89	0.97	0.97	0.51	0.55	0.60	0.60	0.00	0.00	0.05	9.09
Burma	0.48	0.48	0.48	0.48	1.17	1.17	1.17	1.17	0.56	0.56	0.56	0.56	0.00	0.00	0.00	0.00
Sudan	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Zaire	0.72	0.72	0.72	0.72	0.78	0.78	0.78	0.78	0.57	0.57	0.57	0.57	0.00	0.00	0.00	0.00
Argentina	0.39	0.32	0.23	0.22	1.60	1.06	1.47	1.45	0.63	0.34	0.33	0.32	-0.01	-3.03	-0.02	-5.88
Nigeria	0.70	0.75	0.80	0.80	0.50	0.50	0.50	0.50	0.35	0.38	0.40	0.40	0.00	0.00	0.03	6.67
Vietnam	0.25	0.25	0.25	0.25	1.41	1.40	1.40	1.40	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00
South Africa	0.06	0.10	0.08	0.10	1.64	1.53	1.56	1.56	0.10	0.15	0.13	0.15	0.03	20.00	0.01	3.45
Thailand	0.10	0.10	0.10	0.10	1.48	1.50	1.50	1.50	0.15	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Burkina Faso	0.23	0.23	0.23	0.23	0.65	0.65	0.65	0.65	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Brazil	0.10	0.09	0.09	0.09	1.94	1.89	1.67	1.67	0.19	0.17	0.15	0.15	0.00	0.00	-0.02	-11.76
Central African Rep.	0.10	0.10	0.10	0.10	0.97	1.00	1.00	1.00	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Cameroon	0.32	0.42	0.42	0.42	0.28	0.40	0.40	0.40	0.09	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.14	0.14	0.14	0.14	1.02	1.01	1.01	1.01	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Mexico	0.09	0.09	0.09	0.09	1.49	1.41	1.40	1.40	0.14	0.12	0.13	0.13	0.00	0.00	0.01	4.17
Gambia	0.07	0.07	0.07	0.07	1.11	1.11	1.11	1.11	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Others	2.80	2.86	2.85	2.85	0.84	0.84	0.84	0.84	2.35	2.41	2.40	2.40	0.00	0.00	-0.01	-0.37

December 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 15
Sunflowerseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
World	19.54	21.81	23.25	23.16	1.19	1.19	1.16	1.16	23.29	25.89	27.03	26.93	-0.10	-0.37	1.03	3.99
United States	1.13	1.41	1.45	1.45	1.48	1.69	1.57	1.57	1.67	2.39	2.29	2.29	0.00	0.00	-0.10	-4.35
Total Foreign	18.41	20.40	21.80	21.70	1.17	1.15	1.13	1.14	21.62	23.50	24.74	24.64	-0.10	-0.40	1.14	4.84
FSU-12	5.96	6.91	8.51	8.51	0.90	0.80	0.80	0.80	5.38	5.55	6.79	6.79	0.00	0.00	1.23	22.23
Russia	3.58	4.10	5.30	5.30	0.79	0.73	0.72	0.72	2.83	3.00	3.80	3.80	0.00	0.00	0.80	26.67
Ukraine	2.00	2.40	2.80	2.80	1.15	0.94	0.96	0.96	2.31	2.27	2.70	2.70	0.00	0.00	0.43	19.15
Argentina	3.33	3.75	3.45	3.45	1.65	1.81	1.86	1.86	5.50	6.80	6.40	6.40	0.00	0.00	-0.40	-5.88
European Union	2.33	2.26	2.15	2.15	1.73	1.51	1.50	1.50	4.04	3.41	3.24	3.24	0.00	0.00	-0.18	-5.16
France	0.90	0.81	0.82	0.82	2.17	2.09	2.39	2.39	1.94	1.68	1.95	1.95	0.00	0.00	0.27	16.07
Spain	0.97	0.99	0.92	0.92	1.42	1.11	0.65	0.65	1.37	1.10	0.60	0.60	0.00	0.00	-0.50	-45.31
Italy	0.30	0.31	0.26	0.26	1.67	1.31	1.77	1.77	0.51	0.41	0.46	0.46	0.00	0.00	0.05	12.75
Eastern Europe	1.93	2.04	2.37	2.37	1.20	1.34	1.38	1.38	2.31	2.74	3.28	3.28	0.00	0.00	0.54	19.74
Hungary	0.45	0.43	0.53	0.53	1.22	1.65	1.55	1.55	0.55	0.71	0.82	0.82	0.00	0.00	0.11	16.15
Romania	0.78	0.82	1.05	1.05	1.10	1.18	1.24	1.24	0.86	0.97	1.30	1.30	0.00	0.00	0.33	34.02
Yugoslavia	0.19	0.21	0.21	0.21	1.64	1.95	1.95	1.95	0.32	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Bulgaria	0.45	0.51	0.50	0.50	1.11	1.02	1.20	1.20	0.50	0.52	0.60	0.60	0.00	0.00	0.09	16.50
Czech Rep.	0.01	0.02	0.02	0.02	2.09	2.00	2.00	2.00	0.02	0.04	0.04	0.04	0.00	0.00	0.00	0.00
China	0.72	0.72	0.80	0.80	1.64	1.29	1.63	1.63	1.18	0.93	1.30	1.30	0.00	0.00	0.37	39.78
India	2.10	2.20	2.20	2.20	0.55	0.55	0.59	0.59	1.15	1.20	1.30	1.30	0.00	0.00	0.10	8.33
Turkey	0.52	0.52	0.54	0.54	1.25	1.25	1.30	1.30	0.65	0.65	0.70	0.70	0.00	0.00	0.05	7.69
South Africa	0.51	0.83	0.60	0.51	1.10	1.33	1.12	1.13	0.56	1.10	0.67	0.57	-0.10	-14.93	-0.53	-48.18
Australia	0.09	0.17	0.12	0.12	1.07	1.25	1.13	1.13	0.10	0.21	0.14	0.14	0.00	0.00	-0.07	-35.41
Burma	0.12	0.12	0.12	0.12	0.75	0.75	0.75	0.75	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Others	0.80	0.88	0.93	0.93	0.83	0.93	0.91	0.91	0.66	0.82	0.84	0.84	0.00	0.00	0.02	2.80

December 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 16
Rapeseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	23.77	25.46	27.90	27.84	1.40	1.44	1.53	1.54	33.35	36.71	42.63	42.74	0.10	0.24	6.02	16.40
United States	0.26	0.44	0.43	0.43	1.39	1.63	1.64	1.64	0.36	0.72	0.71	0.71	0.00	0.00	-0.01	-1.66
Total Foreign	23.51	25.01	27.47	27.41	1.40	1.44	1.53	1.53	33.00	35.99	41.92	42.02	0.10	0.25	6.03	16.77
India	6.70	6.60	6.60	6.60	0.74	0.88	0.91	0.91	4.94	5.80	6.00	6.00	0.00	0.00	0.20	3.45
China	6.48	6.53	7.40	7.40	1.48	1.27	1.32	1.32	9.58	8.30	9.80	9.80	0.00	0.00	1.50	18.07
Canada	4.88	5.42	5.60	5.56	1.31	1.40	1.54	1.58	6.39	7.59	8.60	8.80	0.20	2.30	1.21	15.95
European Union	2.81	3.13	3.49	3.49	3.07	3.05	3.24	3.24	8.64	9.53	11.29	11.29	0.00	0.00	1.76	18.42
France	0.97	1.14	1.30	1.30	3.51	3.25	3.42	3.42	3.40	3.70	4.45	4.45	0.00	0.00	0.75	20.27
Germany	0.91	1.01	1.20	1.20	3.14	3.36	3.46	3.46	2.87	3.39	4.15	4.15	0.00	0.00	0.76	22.49
United Kingdom	0.47	0.53	0.56	0.56	3.23	2.97	3.21	3.21	1.52	1.58	1.80	1.80	0.00	0.00	0.22	14.29
Denmark	0.10	0.11	0.13	0.13	2.82	3.21	3.00	3.00	0.29	0.36	0.39	0.39	0.00	0.00	0.03	8.64
Sweden	0.06	0.06	0.06	0.06	1.90	2.25	2.00	2.00	0.12	0.12	0.12	0.12	0.00	0.00	-0.00	-3.23
Eastern Europe	0.76	0.87	1.23	1.23	2.08	2.32	2.27	2.27	1.57	2.01	2.80	2.80	0.00	0.00	0.79	39.20
Poland	0.32	0.47	0.54	0.54	1.88	2.36	2.21	2.21	0.60	1.10	1.20	1.20	0.00	0.00	0.10	9.19
Czech Rep.	0.23	0.27	0.35	0.35	2.52	2.57	2.73	2.73	0.58	0.68	0.96	0.96	0.00	0.00	0.28	40.44
Australia	0.69	1.17	1.70	1.70	1.26	1.42	1.26	1.26	0.86	1.66	2.15	2.15	0.00	0.00	0.49	29.52
FSU-12	0.27	0.35	0.51	0.49	0.77	0.73	0.89	0.74	0.21	0.26	0.45	0.36	-0.10	-20.93	0.10	40.23
Russia	0.12	0.15	0.18	0.18	0.62	0.67	0.80	0.80	0.07	0.10	0.14	0.14	0.00	0.00	0.04	40.00
Pakistan	0.35	0.34	0.33	0.33	0.81	0.86	0.85	0.85	0.29	0.29	0.28	0.28	0.00	0.00	-0.01	-4.11
Bangladesh	0.34	0.36	0.36	0.36	0.74	0.74	0.74	0.74	0.25	0.27	0.27	0.27	0.00	0.00	0.00	0.00
Others	0.25	0.25	0.25	0.25	1.13	1.15	1.15	1.15	0.28	0.29	0.29	0.29	0.00	0.00	0.00	0.00

December 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 17
Copra, Palm Kernel, and Palm Oil Production
World and Selected Countries and Regions

Country/Region	Production				Change in Production			
	1997/98	Prel. 1998/99	1999/00 Proj. Nov.	Dec.	From last month		From last year	
	Million metric tons				MMT	Percent	MMT	Percent
COPRA								
World	5.45	4.67	5.44	5.44	0.00	0.00	0.77	16.40
Philippines	2.37	1.55	2.15	2.15	0.00	0.00	0.60	38.71
Indonesia	1.29	1.30	1.45	1.45	0.00	0.00	0.15	11.54
India	0.68	0.70	0.73	0.73	0.00	0.00	0.03	3.57
Mexico	0.20	0.21	0.20	0.20	0.00	0.00	-0.01	-4.25
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Vietnam	0.21	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Malaysia	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Others	0.62	0.62	0.62	0.62	0.00	0.00	0.00	0.00
PALM KERNEL								
World	5.13	5.76	6.12	6.12	0.00	0.00	0.36	6.30
Malaysia	2.50	2.86	3.00	3.00	0.00	0.00	0.14	4.90
Indonesia	1.48	1.71	1.89	1.89	0.00	0.00	0.18	10.53
Nigeria	0.33	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.07	0.07	0.07	0.07	0.00	0.00	0.00	4.23
Colombia	0.08	0.09	0.09	0.09	0.00	0.00	0.00	3.41
Thailand	0.11	0.09	0.12	0.12	0.00	0.00	0.02	25.00
Zaire	0.03	0.04	0.04	0.04	0.00	0.00	0.00	8.33
Ecuador	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Others	0.49	0.51	0.52	0.52	0.00	0.00	0.01	2.15
PALM OIL								
World	17.07	19.32	20.60	20.60	0.00	0.00	1.28	6.62
Malaysia	8.51	9.75	10.20	10.20	0.00	0.00	0.45	4.62
Indonesia	5.00	5.80	6.40	6.40	0.00	0.00	0.60	10.34
Nigeria	0.65	0.76	0.80	0.80	0.00	0.00	0.04	5.26
Cote d'Ivoire	0.33	0.34	0.35	0.35	0.00	0.00	0.01	2.94
Colombia	0.42	0.47	0.48	0.48	0.00	0.00	0.01	3.23
Thailand	0.47	0.40	0.50	0.50	0.00	0.00	0.10	25.00
Zaire	0.13	0.14	0.15	0.15	0.00	0.00	0.01	7.41
Ecuador	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Others	1.34	1.44	1.50	1.50	0.00	0.00	0.05	3.75

TABLE 18
Cotton Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change In Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	1997/98	1998/99	Nov.	Dec.	MBales	Percent	MBales	Percent
	Million hectares				Kilograms per hectare				Million 480 lb. bales							
World	33.82	32.97	32.81	32.59	590	558	580	584	91.63	84.54	87.35	87.38	0.03	0.04	2.84	3.37
United States	5.43	4.32	5.43	5.43	754	701	663	677	18.79	13.92	16.53	16.88	0.34	2.08	2.96	21.25
Total Foreign	28.39	28.65	27.38	27.16	559	537	563	565	72.84	70.62	70.82	70.51	-0.31	-0.44	-0.11	-0.16
Major Exporters	15.86	15.54	14.94	14.77	712	692	732	733	51.85	49.38	50.22	49.68	-0.54	-1.08	0.30	0.60
China	4.49	4.46	3.90	3.90	1,023	1,011	1,061	1,061	21.10	20.70	19.00	19.00	0.00	0.00	-1.70	-8.21
Pakistan	2.96	2.90	3.00	3.00	528	473	566	566	7.18	6.30	7.80	7.80	0.00	0.00	1.50	23.81
Sudan	0.27	0.15	0.23	0.23	329	363	363	363	0.40	0.25	0.38	0.38	0.00	0.00	0.13	50.00
Turkey	0.72	0.76	0.73	0.73	1,101	1,107	1,171	1,171	3.65	3.85	3.90	3.90	0.00	0.00	0.05	1.30
FSU-12	2.47	2.50	2.47	2.47	626	575	661	667	7.11	6.60	7.48	7.56	0.08	1.00	0.96	14.47
Uzbekistan	1.48	1.49	1.50	1.50	768	674	755	769	5.23	4.60	5.20	5.30	0.10	1.92	0.70	15.22
Turkmenistan	0.45	0.48	0.48	0.48	411	435	550	550	0.85	0.95	1.20	1.20	0.00	0.00	0.25	26.32
Other	0.54	0.54	0.49	0.49	416	423	480	469	1.03	1.05	1.08	1.06	-0.02	-2.31	0.01	0.48
Egypt	0.37	0.28	0.28	0.28	892	816	851	851	1.53	1.05	1.08	1.08	0.00	0.00	0.03	2.38
African Franc Zone	2.24	2.35	2.38	2.38	420	376	381	375	4.32	4.05	4.16	4.10	-0.07	-1.56	0.05	1.11
Southern Hemisphere	2.34	2.15	1.98	1.80	611	666	708	711	6.56	6.58	6.43	5.88	-0.55	-8.56	-0.70	-10.70
Argentina	0.85	0.65	0.50	0.33	360	301	392	368	1.41	0.90	0.90	0.55	-0.35	-38.89	-0.35	-38.89
Australia	0.44	0.56	0.45	0.45	1,521	1,274	1,500	1,500	3.06	3.29	3.10	3.10	0.00	0.00	-0.19	-5.75
Brazil	0.85	0.80	0.85	0.85	447	572	538	487	1.75	2.10	2.10	1.90	-0.20	-9.52	-0.20	-9.52
Paraguay	0.20	0.14	0.18	0.18	381	451	404	404	0.35	0.29	0.33	0.33	0.00	0.00	0.04	12.07
Major Importers	0.55	0.56	0.59	0.59	918	897	879	879	2.32	2.32	2.38	2.38	0.00	0.00	0.06	2.67
Other Foreign	11.98	12.54	11.85	11.81	339	328	335	340	18.67	18.92	18.22	18.45	0.23	1.26	-0.47	-2.48
India	8.90	9.30	8.70	8.70	302	298	318	325	12.34	12.73	12.70	13.00	0.30	2.36	0.27	2.15
Others	3.08	3.24	3.15	3.11	448	416	381	382	6.33	6.19	5.52	5.45	-0.07	-1.27	-0.74	-12.00

TABLE 19

The table below presents a 18-year record of the differences between the December projection and the final estimate. Using world wheat production as an example, changes between the December projection and the final estimate have averaged 4.2 million tons (0.8 percent) and ranged from -10.2 to 6.1 million tons. The December projection has been below the final 11 times and above the final 7 times.

RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 1998/99 1/					
	Difference		Lowest	Highest	Below	Above
	Average	Average	Difference		Final	Final
	Percent	---Million metric tons---			Number of years 2/	
WHEAT						
World	0.8	4.2	-10.2	6.1	11	7
U.S.	0.3	0.2	-1.2	0.5	9	7
Foreign	0.9	4.2	-10.3	6.3	11	7
COARSE GRAINS 3/						
World	1.0	7.7	-19.8	6.9	11	7
U.S.	1.1	2.4	-7.5	5.8	12	6
Foreign	1.3	7.5	-16.3	7.6	9	9
RICE (Milled)						
World	1.9	6.3	-16.2	1.1	15	3
U.S.	2.7	0.1	-0.3	0.2	9	7
Foreign	1.9	6.3	-16.2	1.2	15	3
SOYBEANS						
World	2.3	2.6	-6.6	3.8	10	8
U.S.	1.9	1.0	-2.7	2.1	6	12
Foreign	4.1	2.3	-7.5	2.7	9	9
			---Million 480-lb. bales---			
COTTON						
World	2.3	2.0	-6.3	4.4	8	9
U.S.	1.5	0.2	-0.5	0.4	8	9
Foreign	2.8	2.0	-6.7	4.3	7	10
UNITED STATES			-----Million bushels-----			
CORN	1.1	81	-250	159	11	6
SORGHUM	2.4	17	-53	52	9	9
BARLEY	1.4	6	-12	24	7	8
OATS	1.0	4	-18	16	6	6

1/ The final estimate for 1981/82-1997/98 is defined as the first November estimate following the marketing year.

2/ May not total 18 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

1 - UNITED STATES

A remarkably warm, dry pattern that stressed developing winter wheat in the Plains, Ohio Valley, and South began to break down toward the end of November. Nevertheless, no rain fell during November in the southern Plains or the Southwest, and totals greater than one-half inch were scarce on the Plains except across easternmost areas. In contrast, a month-long spell of heavy precipitation kept the Pacific Northwest wet, especially from the Cascades westward to the coast. Effects of the 9-month drought lingered, however, in the interior Northwest. Farther east, drought stretched through a 16th month in much of the middle and lower Ohio Valley, despite beneficial late-month showers. Meanwhile, a fourth consecutive month of extremely dry weather left topsoils parched from central and eastern Texas to the Delta.

2 - SOUTH AMERICA

Below-normal November rainfall stressed germinating summer crops across northern Argentina, southern Paraguay, and southern Brazil. Early-December rains brought some relief but more rain is needed. Early-December rain possibly reduced wheat quality in southern Buenos Aires, Argentina. Near- to above-normal rainfall maintained favorable soil moisture in western Argentina and Mato Grosso, Brazil. Dry weather returned to the Brazilian coffee areas by mid-November after beneficial rainfall early in the month.

3 - EUROPE

In November, relatively dry, unseasonably cool weather in Spain, Portugal, Romania, and Bulgaria helped summer crop harvesting, but slowed winter wheat development. Near-normal precipitation maintained adequate soil moisture supplies for germinating to emerging winter grains in England, France, the Benelux countries, Italy, and western Germany. Unseasonably cold weather helped ease winter grains into dormancy in northeastern Europe about mid-month.

4 - NORTHWESTERN AFRICA

Winter grain planting was well underway in Morocco, Algeria, and Tunisia. In November, sufficient planting rains favored winter grain germination and establishment in most areas. Planting typically continues through December.



USDA/OCE - World Agricultural Outlook Board
Joint Agricultural Weather Facility

(More details are available in the *Weekly Weather and Crop Bulletin*.
Subscription information may be obtained by calling (202) 720-7917.)

5 - FSU-WESTERN

The combination of fall drought and unseasonable cold in November in south-central Ukraine caused winter wheat to enter dormancy poorly established, making the crop more susceptible to winterkill conditions. In late November, a brief episode of bitterly cold weather was observed over most of the region. In primary winter wheat producing areas of Ukraine and southern Russia, the combination of a fresh protective snow cover and short duration of extreme cold minimized the threat for significant winterkill.

6 - SOUTH ASIA

During November, scattered showers along India's southern and eastern coast increased irrigation reserves for dry-season rice. The rain fell south of Orissa, where cyclone recovery efforts continued. Elsewhere across the region, warm, seasonably dry weather favored harvesting of summer grains, oilseeds, and cotton. Winter grain and oilseed planting progressed in the north, while rabi (winter-grown) crop planting was underway in the south.

7 - EASTERN ASIA

In November, seasonably drier, cooler weather prevailed across the North China Plain, where moisture supplies were adequate for winter wheat establishment. The cooler weather prompted hardening of winter wheat. Across southern China, below-normal rainfall aided late double-crop rice maturation and harvesting.

8 - SOUTHEAST ASIA

Tropical systems brought above-normal November rainfall to the central Philippines and central Vietnam, causing flooding. Seasonably drier weather by mid-November favored rice harvesting in Thailand and northern Vietnam. Near-normal rainfall maintained moisture supplies for main-season rice in Java, Indonesia and oil palm in peninsular Malaysia.

9 - SOUTH AFRICA

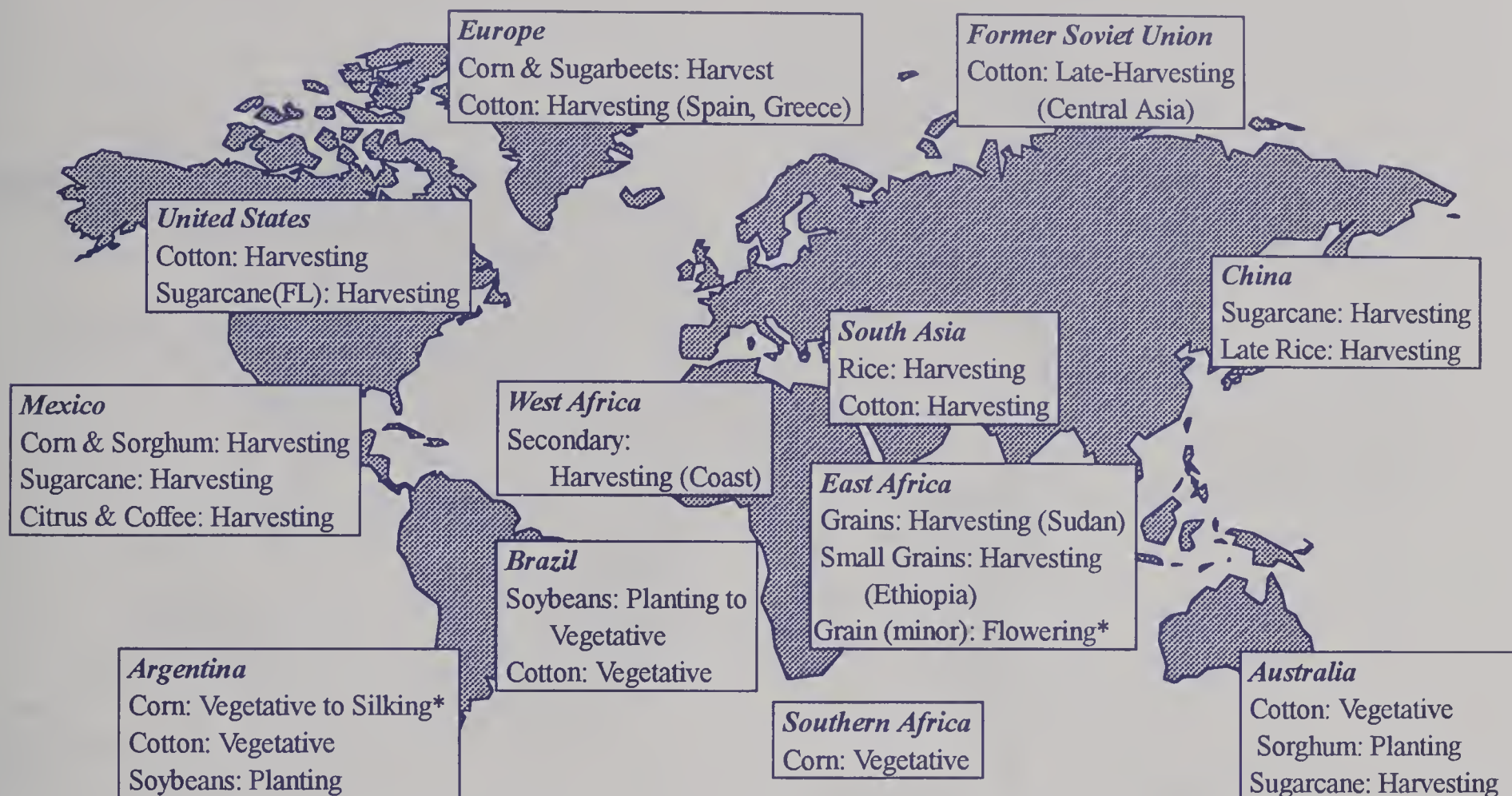
Warmer- and drier-than-normal weather hindered summer crop planting in central and western sections of the corn belt during November, the optimal planting month. In early December, beneficial rain brought some relief to the affected area. November rainfall was below normal in most other major crop areas, including coastal sugarcane areas of KwaZulu-Natal and orchard and vineyard areas of Western Cape.

10 - AUSTRALIA

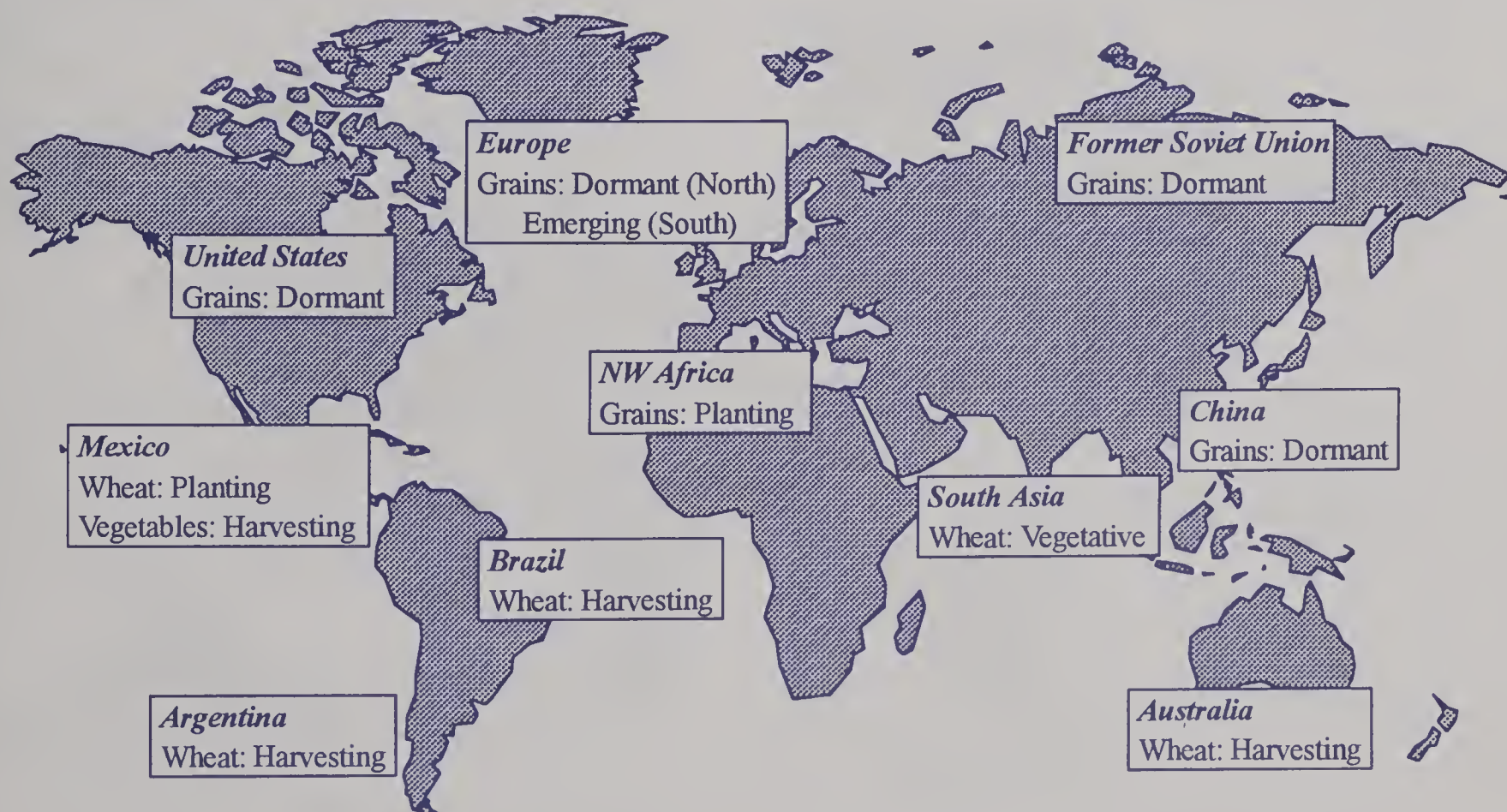
In early December, a break in the pattern of chronic wetness aided winter grain harvesting in Queensland and northern New South Wales, the main Australian Prime Hard region. Rain in the southeast came too late for winter grains but improved pastures and grazing conditions. Harvests have made good progress in Western Australia.

December Normal Crop Calendar

Summer crops



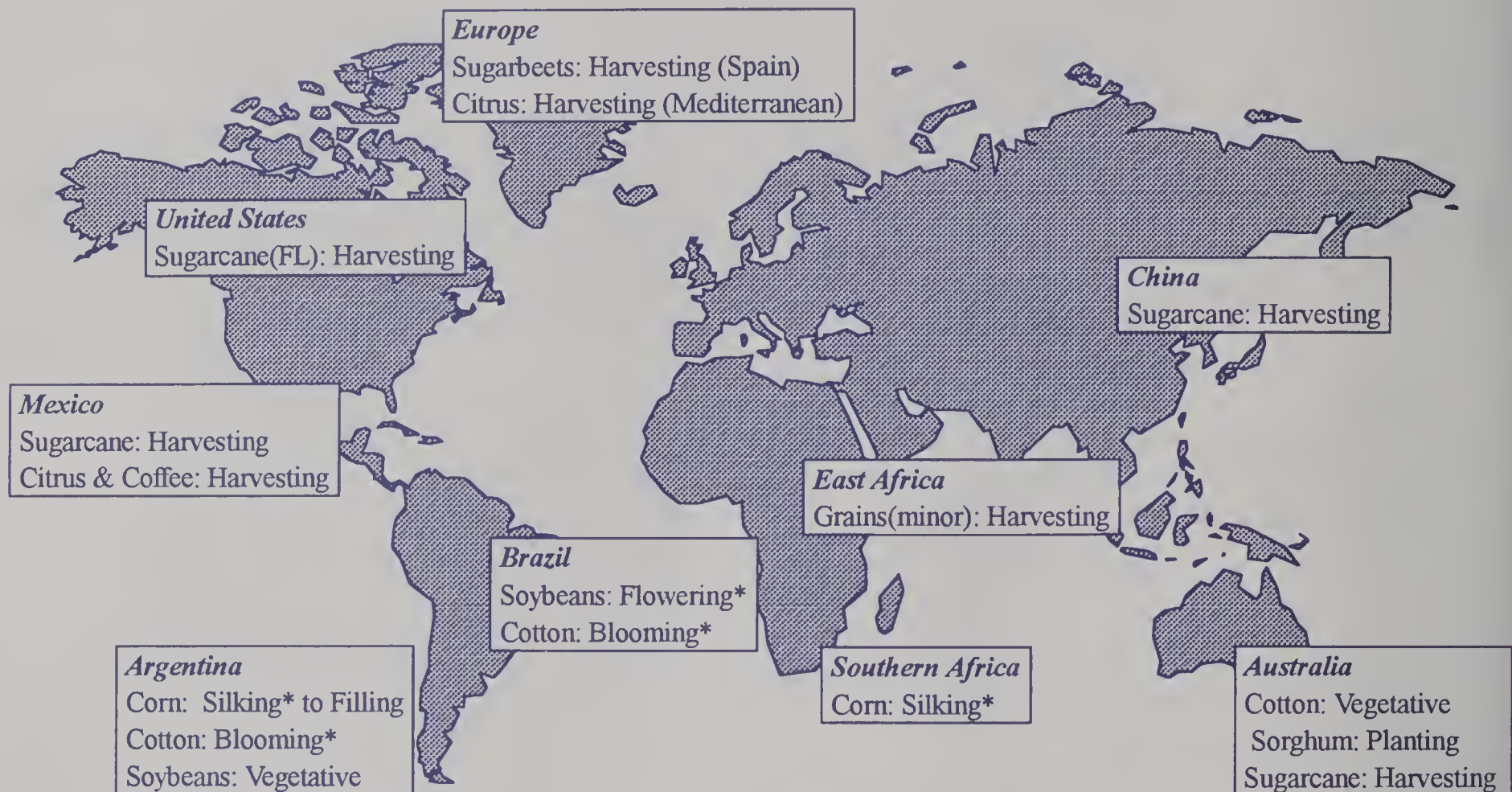
Winter crops



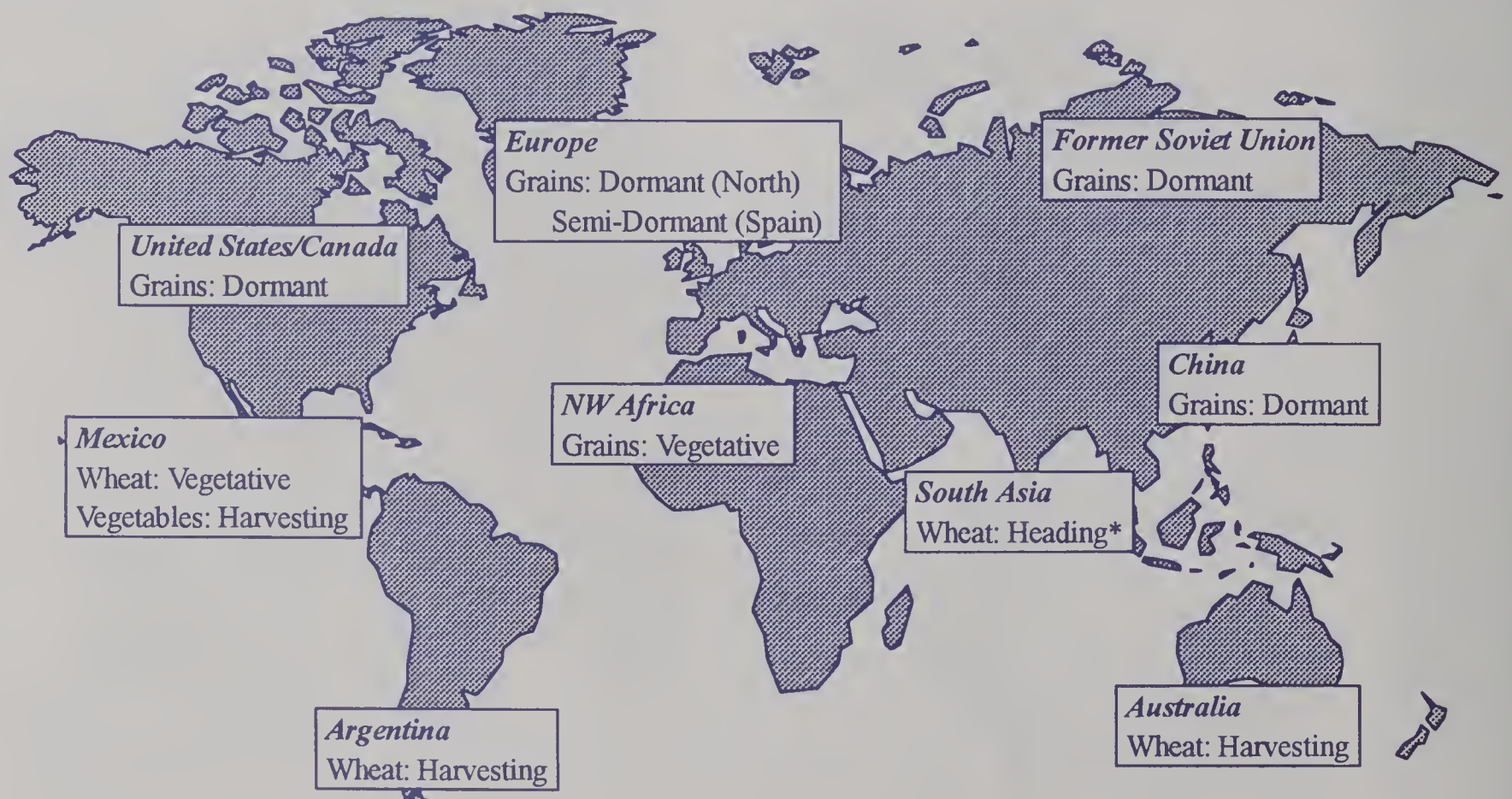
* Moisture / Temperature Sensitive Stage of Development

January Normal Crop Calendar

Summer crops



Winter crops



* Moisture / Temperature Sensitive Stage of Development

WEATHER BRIEFS

Argentina: Rain Benefitted Summer Crops, More is Needed in the North

During the first week of November 1999, widespread rain that had begun in October benefitted reproductive to filling winter wheat, germinating corn, and sunflowerseed in central Argentina. That week, heavier showers covered Cordoba and northern La Pampa, causing some local flooding and possible damage to mature winter wheat. Rain also improved soil moisture for cotton and soybean planting in northern Argentina. During November 9 and 10, isolated frost in southwestern and east-central Buenos Aires caused localized damage to filling and maturing winter wheat. This damage should not significantly reduce national production. During November 14 - 20, rain boosted soil moisture for summer crops across Cordoba, La Pampa, and southern Buenos Aires. In Santa Fe, however, dry weather reduced soil moisture for summer crop planting. During November 21 - 27, scattered light to moderate rain increased soil moisture across the major corn and soybean area of central Argentina. Northern Argentina was dry for the third consecutive week, causing stress to germinating cotton and slowing summer crop planting. From November 28 through December 4, light to moderate rain brought little relief to dryness in most of northern Argentina. Rain maintained favorable soil moisture levels in southern Cordoba and La Pampa. Widespread moderate to heavy rain fell across southern Buenos Aires, slowing winter wheat maturation and harvesting and possibly reducing quality.

Southern Brazil: Late November Rain Brought Some Relief for Summer Crops

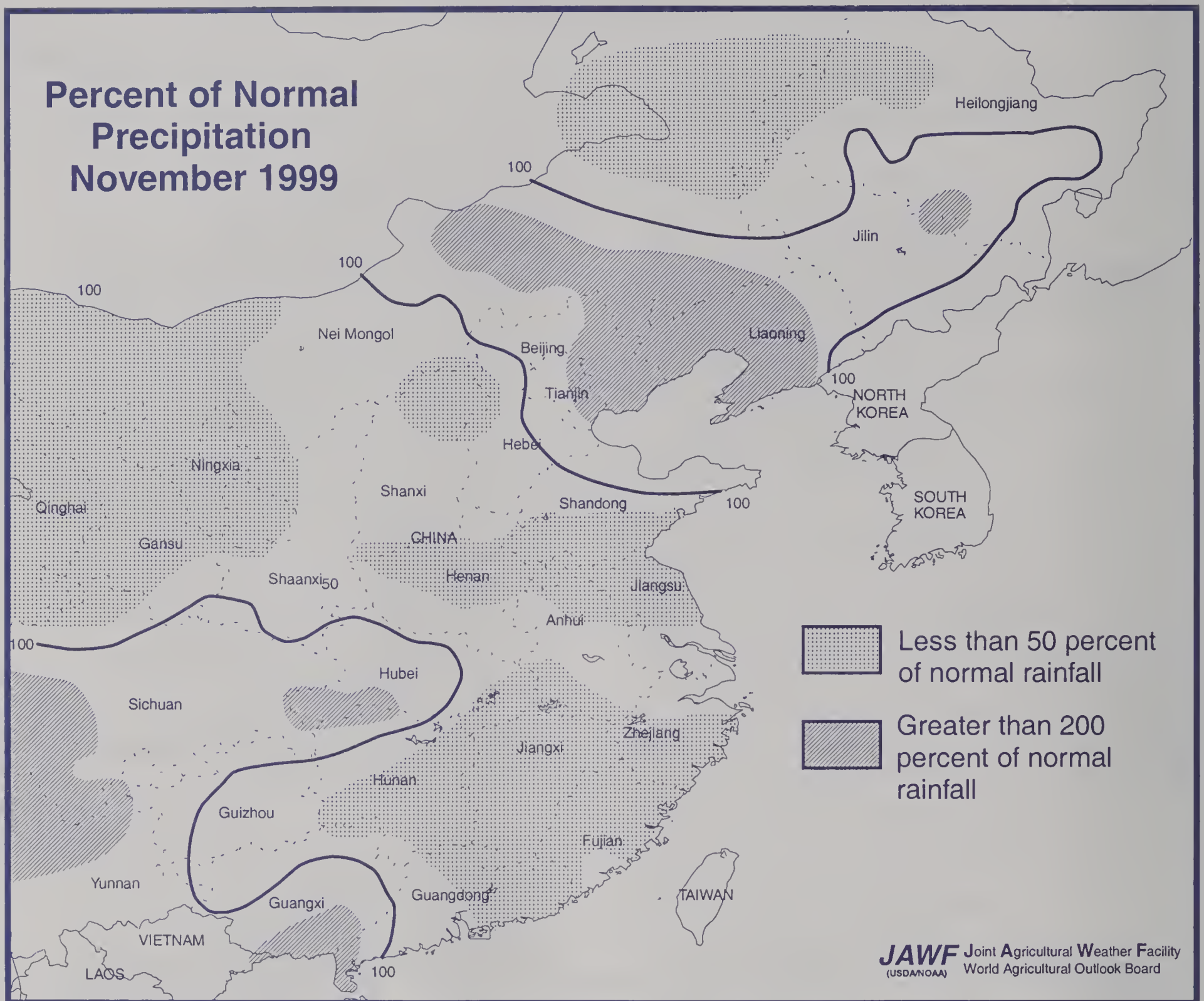
During the first three weeks of November

1999, mostly dry weather stressed soybeans and corn in extreme southern Brazil. Dryness, primarily in Parana, Rio Grande do Sul and southern Mato Grosso do Sul, had also started to slow soybean planting due to low topsoil moisture. During November 28 through December 4, scattered showers and cooler weather provided some relief for developing corn and soybeans in extreme southern Brazil. Also, light to moderate rain fell across the major soybean and coffee areas of southern Brazil. Unfortunately, warm and dry weather increased crop stress in Mato Grosso do Sul. As of December 5, the driest areas of southern Brazil include Mato Grosso do Sul, Parana, and Rio Grande do Sul, where rainfall has averaged 20 to 30 percent of normal during the prior 4 weeks. More rain is needed in these areas to provide adequate soil moisture for summer crop development.

South Africa: Rain Benefits Emerging Corn Crop

Unseasonably warm and dry weather persisted across South Africa's corn belt from November 1 through 20, restricting summer crop planting but hastening winter wheat maturity. During the week of November 21 - 27, moderate showers swept through the eastern half of the corn belt, improving soil moisture conditions for recently-planted grains and oilseeds. In late November and early December, highly beneficial rainfall covered western corn areas and spurred summer crop planting, which had been delayed in the region by several weeks due to dryness. The rain also lowered temperatures to more seasonable levels. The planting window for summer crops extends through early January, but crops planted after November are at greater risk of summer heat stress during critical stages of development.

CHINA



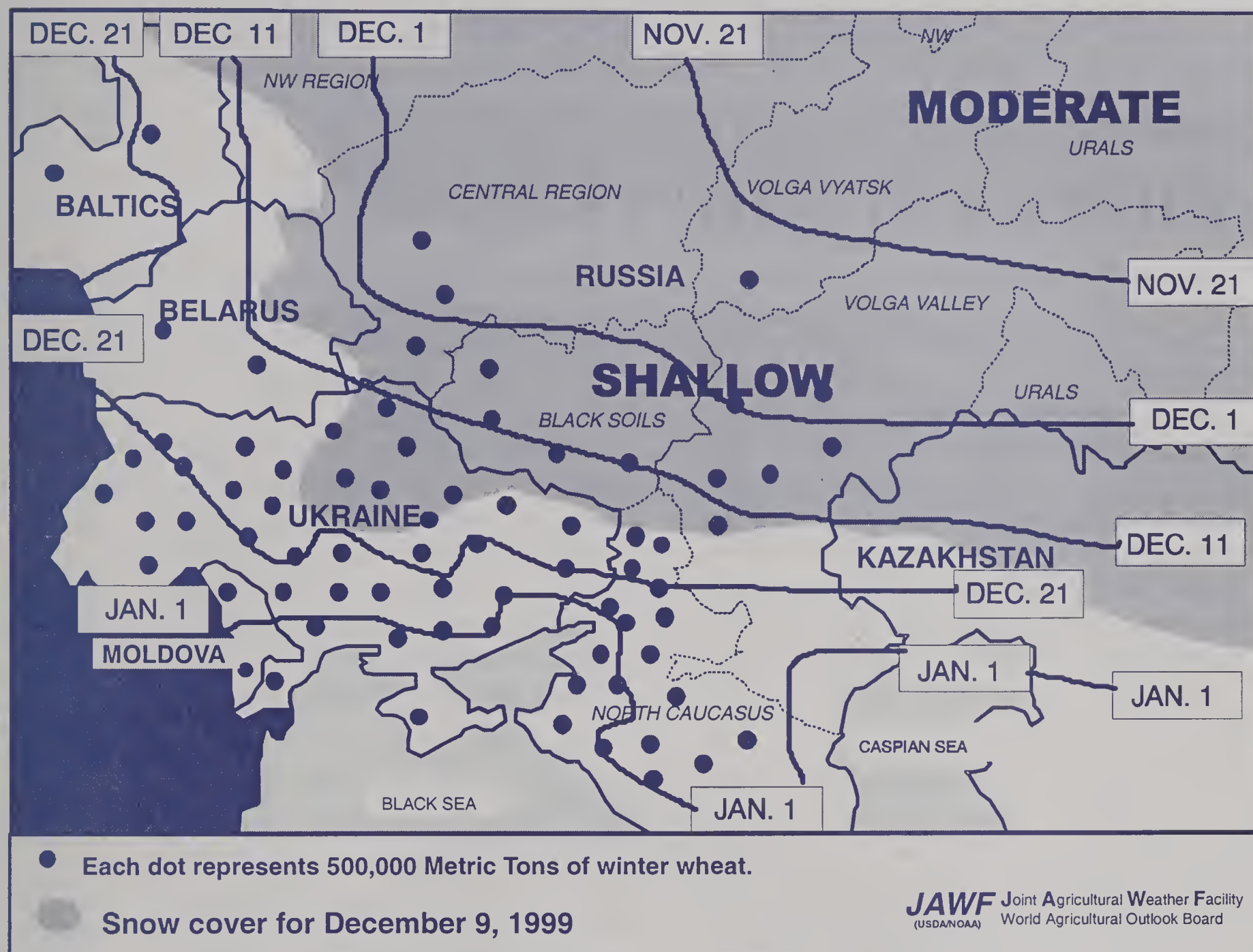
WEATHER AND CROP HIGHLIGHTS

DECEMBER 10, 1999

- In November, seasonably drier and cooler weather prevailed across the North China Plain, where moisture supplies remained adequate for winter wheat establishment. The cooler weather prompted hardening in winter wheat.
- Across southern China, below-normal rainfall aided late double-crop rice maturation and harvesting.

FORMER SOVIET UNION (WESTERN)

NORMAL DATES OF APPEARANCE OF SUSTAINED SNOW COVER



WEATHER AND CROP HIGHLIGHTS

December 10, 1999

- o Winter grains entered dormancy in southern areas during November. Crops in south-central Ukraine entered dormancy poorly established, making them more susceptible to potential winterkill conditions.
- o In primary winter wheat producing areas of Ukraine and the North Caucasus region in Russia, heavy snow preceded a brief period of bitterly cold weather in late November, minimizing the threat for significant winterkill.
- o Snow cover was shallow and less protective in parts of central and northern Russia, increasing the potential for some freeze damage to winter grains.
- o In early December, a warming trend spread across most areas, improving overwintering conditions for winter grains but melting protective snow cover.

FEATURE COMMODITY ARTICLES

Major World Cotton Producers for 1999/2000

World cotton production for 1999/00 is forecast at 87.4 million 480-pound bales, up 3 percent from last year, despite the lowest world price in five seasons, averaging 48.2 cents per pound through early December of 1999/2000 season, down from the recent peak of 91.4 cents in 1994/95. World area is forecast to decrease 1 percent to 32.6 million hectares while the yield is up 5 percent from a year ago to 584 kilograms per hectare.

The world's largest cotton producers, the United States and China, are projected to account for 41 percent of global production, up from 40 percent last year as a larger U.S. crop more than offsets' China's production drop.

The United States experienced by far the greatest year to year rise in global production share, increasing from 16 percent of output last year to 19 percent in 1999/2000 and accounted for 36 percent of the world's production change.

In the table below and in the following charts this report highlights the top seven cotton producing nations which include the United States, China, India, Pakistan, Uzbekistan, Turkey, and Australia. These countries are estimated to produce 69.0 million bales of cotton this season and account for more than 90 percent of the absolute change in production this season.

Ron Roberson, Cotton Chairman
Telephone: (202) 720-0879
E-mail: roberson@fas.usda.gov

Table 20						
MAJOR COTTON PRODUCERS						
	480-LB BALES	PERCENT OF	YIELD	AREA	PERCENT OF	LINT MT
	(1000)	OUTPUT	(Kg/ha.)	(1000 ha.)	AREA	(1000)
1999/00						
WORLD	87,380	100	584	32,585	100	18,950
FOREIGN	70,505	81	565	27,160	83	15,351
TOP SEVEN	68,975	79	634	23,700	73	14,943
China	19,000	22	1,061	3,900	12	4,137
United States	16,875	19	677	5,425	17	3,599
India	13,000	15	325	8,700	27	2,830
Pakistan	7,800	9	566	3,000	9	1,698
Uzbekistan	5,300	6	769	1,500	5	1,154
Turkey	3,900	4	1,171	725	2	849
Australia	3,100	4	1,500	450	1	675
Other	18,405	21	451	8,885	27	4,007

		Table continued				
		MAJOR COTTON PRODUCERS				
		Change From 1998/99				
	480-LB BALES Change From 1998/99		SHARE OF CHANGE	AREA HARVESTED Change From 1998/99		SHARE OF CHANGE
	1000 bales	(%)	(%)	1000 ha.	(%)	(%)
1999/00						
WORLD	2,845	3	100	-386	-1	100
FOREIGN	-112	-0	64	-1,487	-5	61
TOP SEVEN	3,591	5	91	-87	-0	89
China	-1,700	-8	21	-559	-13	20
United States	2,957	21	36	1,101	25	39
India	273	2	3	-600	-6	21
Pakistan	1,500	24	18	100	3	4
Uzbekistan	700	15	9	15	1	1
Turkey	50	1	1	-32	-4	1
Australia	-189	-6	2	-112	-20	4
Other	-746	-4	9	-299	-3	11

Chart 1

World Cotton Area lower on Depressed Prices, Yield Up

- Estimated output at 87.4 Mbales for 1999/00 on higher yield to 584 kg per ha this season up from 558 kg last season.
- Forecast area at 32.6 Mha, down 1 percent from 1998/99 and down from the recent peak of 35.9 million in 1995/96.
- Lower prices are mainly a result of the larger crop in the U.S. and higher export from China than for 1998/99.
- Higher yields are the result of favorable weather conditions and decrease insect and disease damage.

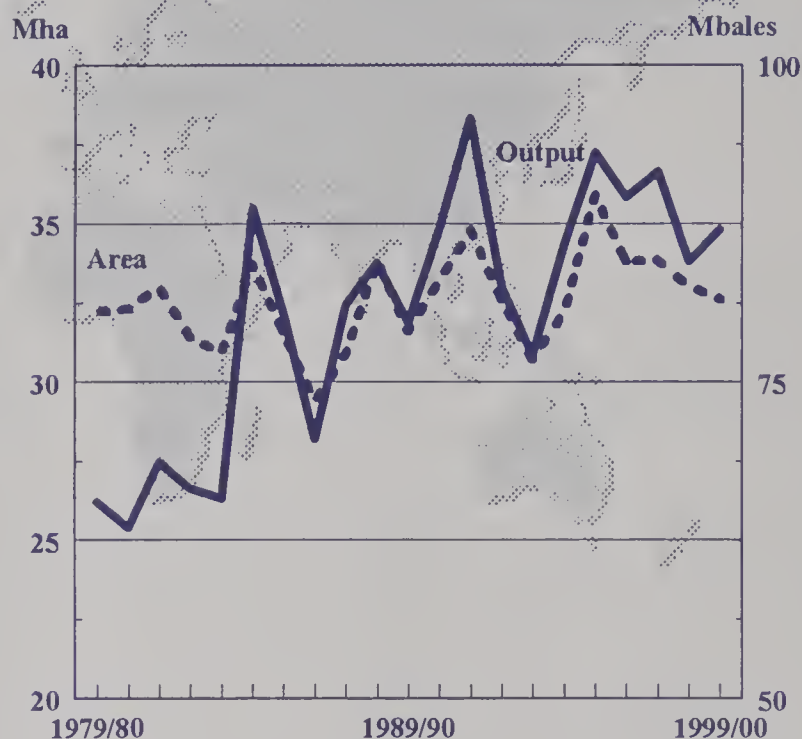


Chart 2

United States' Cotton Up on Area and Yield

- Output for 1999/00 estimated at 16.9 Mbales, up 21 percent from 1998/99.
- Output larger than last year, despite weather related losses.
- Area harvested up from last year's as hot dry weather in Texas lower yield on 25 percent of the 1998/99 U.S. crop.
- Increase area of 1.1 Mha from 1998/99 to 5.4 Mha this season.
- Projected yield at 677 kg per ha this season, compared to 701 kg in 1998/99.

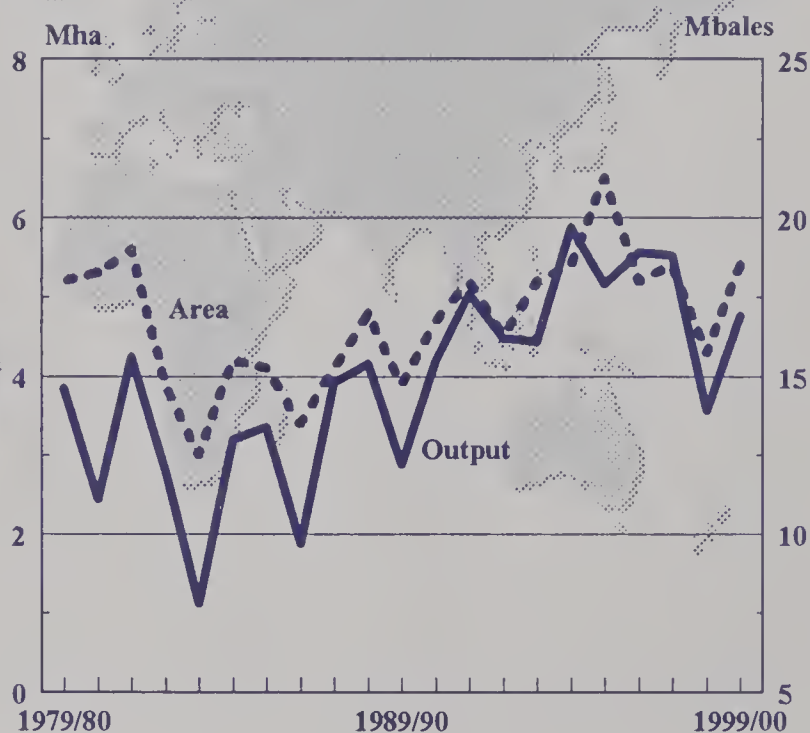


Chart 3

China's Output Down on Record Low Area

- Estimated output for 1999/00 at 19.0 Mbales, down 8 percent from last year and the lowest since 1993/94.
- Forecast yield at a record 1,061 kg per ha, the result of favorable weather, use of improved cotton varieties, and the elimination of marginal land.
- Record-low area of 3.9 Mha, down 0.6 million from last year.
- Reduced government support price caused area drop.

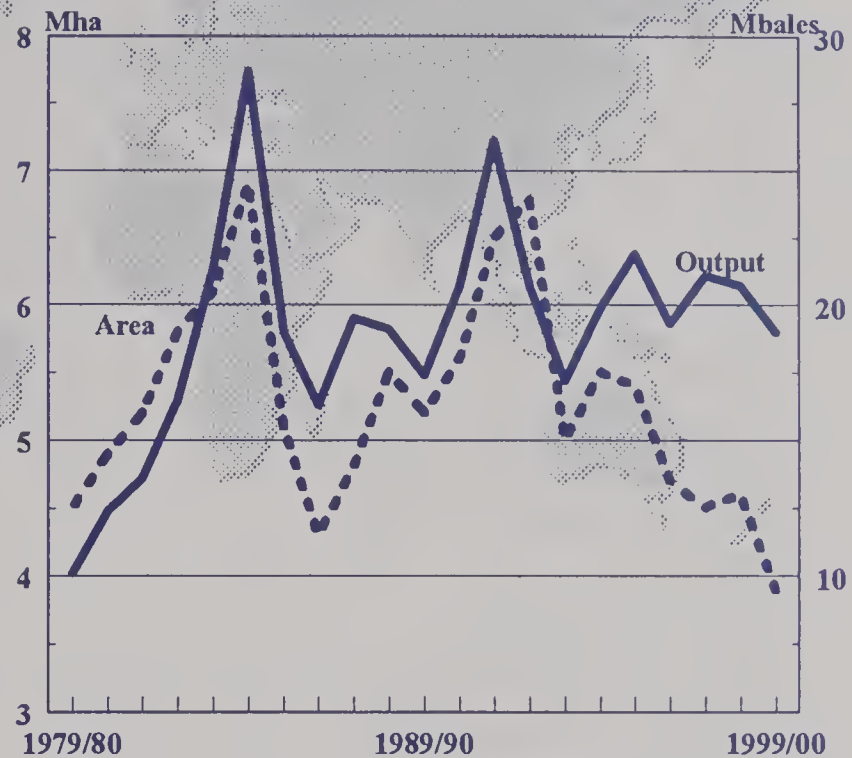


Chart 4

India's Cotton Output Higher on Favorable Weather

- Output forecast at 13.0 Mbales for 1999/00, 2 percent higher than last year's crop of 12.7 million.
- Harvested area forecast at 8.7 Mha, 0.6 million below last year's record.
- Drop in area from 1998/99 occurred largely in the north where area was reduced by an average of 15 percent due to heavy insect losses in the past two seasons.
- Reductions in area was more than offset by gains in yield, especially in the northern cotton zone because of ideal growing conditions throughout the season.

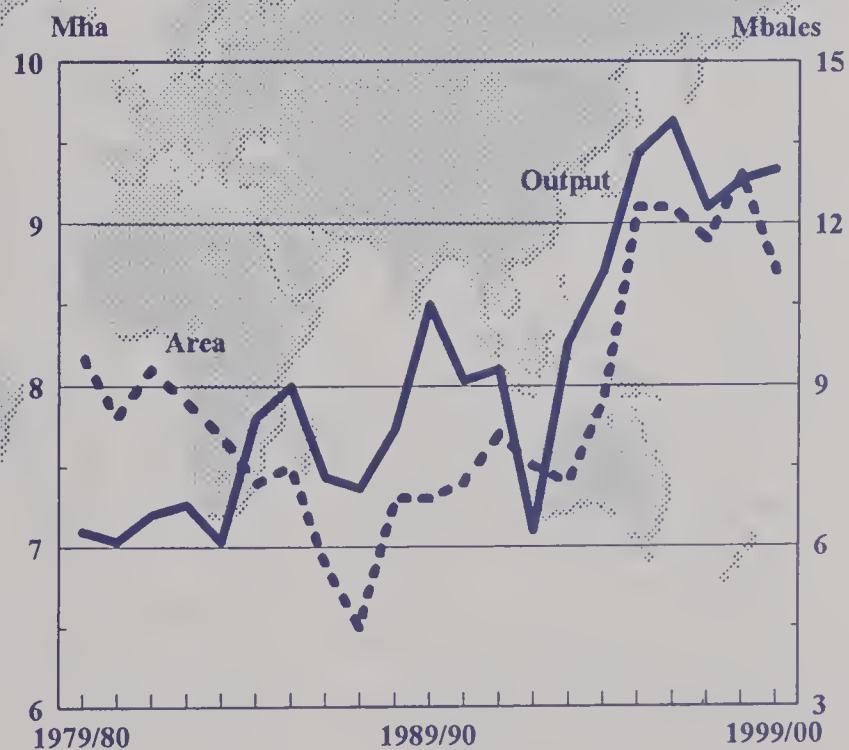


Chart 5

Uzbekistan's Output Up Despite Earlier Insect, Weather Damage

- Output for 1999/00 is estimated at 5.3 Mbales, up 0.7 million from last year's weather reduced crop.
- Growing conditions were varied: heavy rains shortly after planting resulted in extensive replanting, but warm June weather contributed to good early-season development.
- Despite widespread reports describing an increased threat of locust infestation, actual damage was minor.

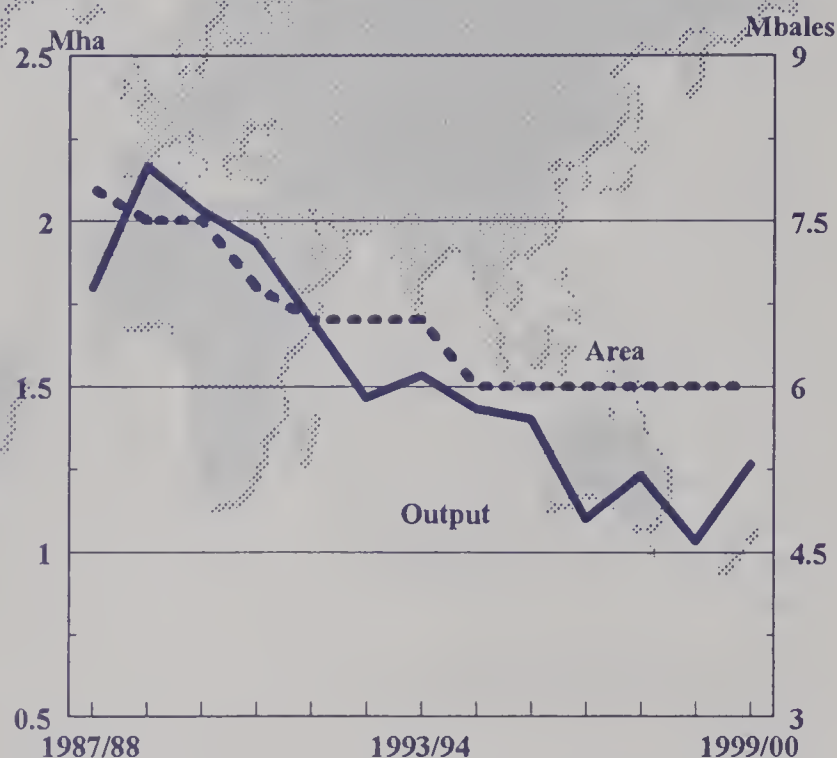


Chart 6

Pakistan's Output Higher on Great Harvest Weather and Lower Seasonal Insect Pressure

- 1999/00 output at 7.8 Mbales, up 1.5 million from last year's weather and insect reduced crop.
- Increase based largely on good growing weather and the absence of major pest problems.
- Cotton arrivals reported about double last year's.
- Faster pace due to early maturation of the crop and farmers' selling just after harvest, rather than risk price declines.
- Marginal third picking (due to low nitrogen usage), predicting the harvest will end by mid-December.

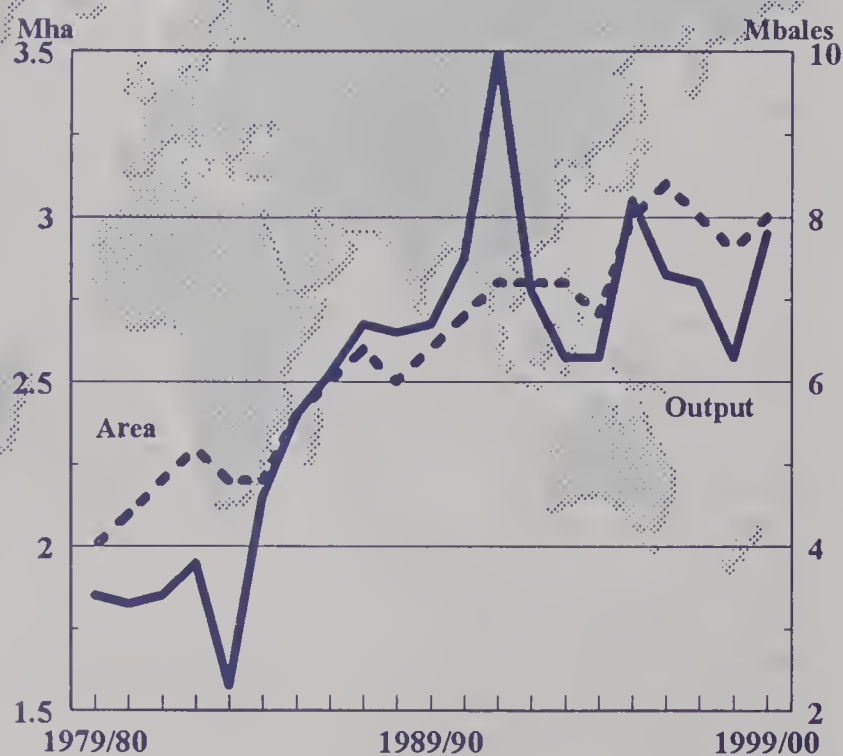


Chart 7

Turkey Cotton Up on Higher Irrigation Area

- Output forecast at 3.9 Mbales for 1999/00, 1 percent higher than last year's crop of 3.85 million.
- Harvested area forecast at 0.73 Mha, 4 percent below last year's.
- Drop in area from 1998/99 occurred largely because GAP growth slowed, allowing the decline in other areas to pull total area down.
- Low cotton prices have allowed other crops to displace cotton in rotation.

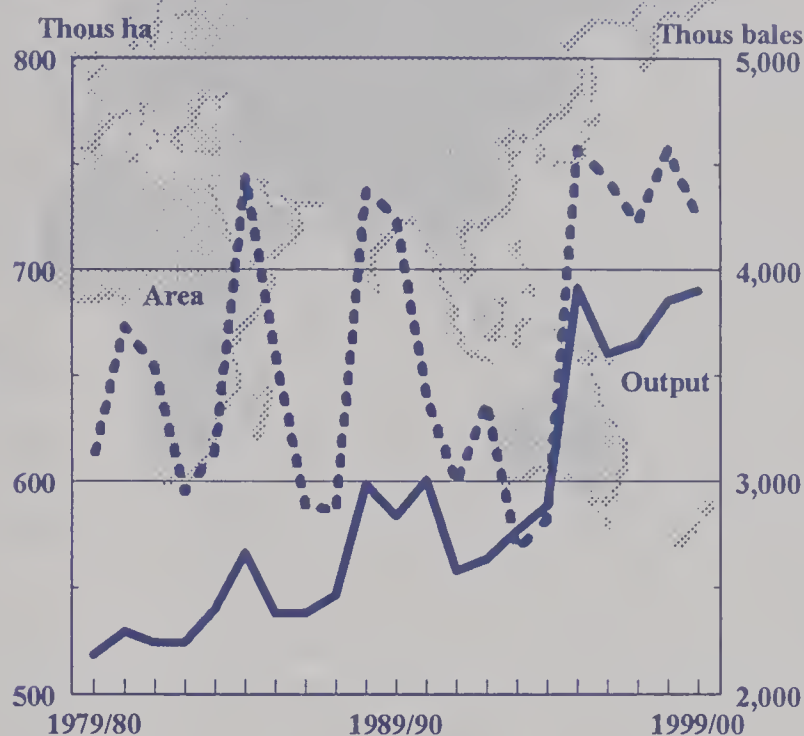
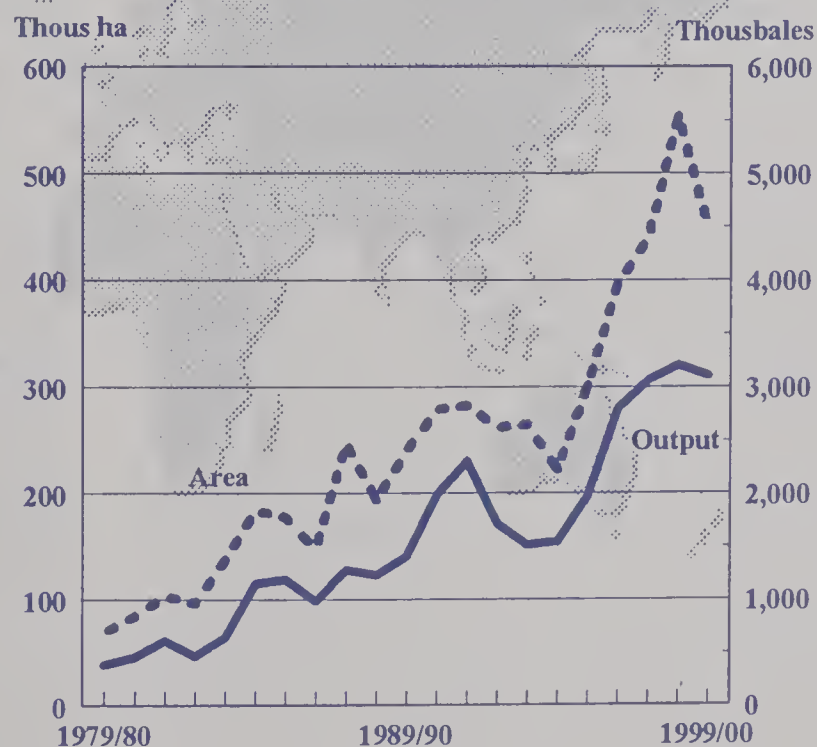


Chart 8

Australia Cotton Up on Higher Irrigation Area

- Output forecast at 3.1 Mbales for 1999/00, nearly 0.2 million lower than last year's crop.
- Harvested area forecast at 0.45 Mha, 0.1 million below last year's record.
- Drop in area from 1998/99 occurred largely because of the reduction in dryland that offset higher irrigated area.
- Higher yields are expected because of the higher ratio of irrigated to dryland.
- Low cotton prices have allowed other crops to displace cotton in rotation.



Rice Situation in Southeast Asia

Southeast Asia's 1999/2000 rice crop is estimated at a record 89.0 tons on a milled basis, up 2 percent from 1998/99. Adequate, widespread rainfall contributed to a large crop this growing season. The largest producers are Indonesia at 32.1 million tons, Vietnam at 19.8 million, and Thailand at 15.4 million. Indonesia's yield on a rough basis is estimated at 4.38 tons per hectare, Vietnam's at 4.00 tons, while Thailand's yield is estimated at 2.37 tons. Rice yields increased in many Southeast Asian countries during the past decade as producers improved irrigation systems, used more fertilizer, pesticides, and high-yielding varieties. Some countries like Indonesia use their increasing rice supplies to become more self-sufficient, while others like Thailand and Vietnam increased their rice exports.

Indonesia's 1999/2000 rice crop is forecast to be 32.1 million tons on a milled basis. This is unchanged from 1998/99's crop, and up 3 percent from 1997/98's reduced crop. Production is forecast to fall short of 1995/96's record 33.2 million tons, despite greater area planted to rice in both 1997/98 and 1999/2000. The Agricultural Attache in Jakarta reports that domestically produced pesticides and fertilizer are widely available and affordable to producers, but that imports of these items remain expensive. However, producers continue to apply lower than the recommended rates of inputs in the wake of the Asian economic crisis. The Government of Indonesia continues to pursue its goal of rice self-sufficiency by encouraging more area to be planted to rice each year and increasing yields and planting intensity throughout the country. However, political unrest and slow economic growth have delayed their efforts the past few years. Consequently, Indonesia still must import substantial quantities of rice to meet domestic needs. In CY 1998, Indonesia

imported a record 6.1 million tons of rice. In 1999 and 2000 Indonesia is predicted to import 3.9 and 3.0 million tons, respectively.

Indonesia's crop year is divided into two parts, but rice is harvested throughout the year. The main season crop, which depends on the October monsoon, is harvested between January and April, while the second crop, which depends more on irrigation, is harvested between August and October. The main season crop accounts for roughly two-thirds of total rice production, and the second crop for about one-third.

For the 1998/99 season, the monsoon was four to six weeks early and rainfall continued to be widespread across the archipelago. As a result of favorable weather, yield is estimated to rebound above the El-Niño-reduced crop of 1997/98 to a bumper level. Estimated harvest area is slightly lower in 1998/99. The main season crop production is at least 10 percent higher than the 1997/98 season due to favorable weather. The early monsoon allowed the second crop to be planted a month early. The second crop is irrigated, and most irrigated rice is grown on the island of Java. Rainfall was plentiful during the second season across Indonesia with above average precipitation on Java. Harvest of the second crop went well and was successfully completed by October. The October monsoon arrived on schedule, boosting moisture supplies. The main season 1999/2000 plantings began in November, and seasonable showers have maintained favorable moisture supplies since then. Area is forecast slightly higher as the economy improves and rainfall continues to support additional planting.

The 1999/2000 rice crop in **Vietnam** is estimated to be a near record 19.8 million tons milled production. The 1998/99 crop is

estimated at a record 20.0 million tons, following a bumper spring-autumn 1999 crop. There are 3 different rice crops produced in Vietnam: the 10th month crop is harvested September-November in the North and November-February in the South; the main winter-spring crop is harvested in June in the North and April-May in the South; and the summer-autumn crop is harvested in August-October in the South. Approximately one quarter of total rice production comes from the 10th month crop, one half from the winter-spring crop, and one quarter from the summer-autumn crop. The 10th month crop is rainfed and produces lower quality rice for mostly domestic consumption. The higher quality and higher yielding winter-spring and summer-autumn crops employ irrigation and are used for both exports and domestic consumption. Vietnam has the second largest share of world rice trade, and is forecast to export an estimated 4.1 million tons of rice in CY 2000. Improved irrigation systems in the Mekong River Delta in the past decade have led to more land being devoted to the highly productive winter-spring and summer-autumn crops at the expense of the 10th month crop. The summer-autumn crop is expected to continue its upward trend, with both area and yield increasing.

Rice grows mainly in the lowlands in the far northern and southern regions of the country. In the north, the rice growing area is the Red River Delta, while in the south, it is the Mekong River Delta. The Mekong River Delta is often referred to as the rice bowl of the country. Approximately one half of Vietnam's rice is grown in the Mekong River Delta and about one-sixth is grown in the Red River Delta. The Mekong River Delta has both rainfed lowland crops and irrigated crops in a roughly equal mix. The Red River Delta contains some rainfed rice crops, but is largely made up of irrigated cropland. Rainfall for the first crop of the year, the 1999/2000 10th

month crop, was above average in the fertile south and in thinly cultivated central Vietnam, but significantly below average during September and October in northern Vietnam. Vietnam is currently approaching the dry season. At the end of October, the Government warned producers in the north that they should store extra water for the key winter-spring crop as there had not been enough rain to support the crop. However, rainfall increased substantially November 4th through the 11th as Vietnam was hit hard by a typhoon. Heavy rain in the north brought the region above the normal total rainfall for the season. In central coastal Vietnam, the typhoon caused the worst flooding in over a century. Local crop losses were devastating, but minimal in the context of nationwide production. The irrigation systems in the central and south coastal regions report severe localized damage which could adversely effect next year's irrigated crop. However, the disastrous floods stayed far north of the country's main rice fields in the Mekong River Delta. At the end of November, the south had harvested nearly 50 percent of the 10th month crop, while the Red River Delta and parts of the Mekong River Delta are currently planting the winter-spring crop which is normally harvested in June in the North and April-May in the South.

Thailand is expected to produce 15.4 million tons of milled rice in 1999/2000, up 3 percent from last year and just short of the record 15.5 million harvested in 1997/98. Rice is grown throughout the country, but is mostly concentrated in the rich alluvial soil found in the many river valleys and deltas. There are two major river systems, the Chao Phraya in the west and the Mekong in the east. Most of the rice grown in Thailand is Indica (long grain) type. Very small quantities of Japonica (medium grain) is grown in the north to serve oversea Japanese customers and to make rice flour for exports. About 50 percent of

Thailand's rice production is ordinary white rice, 30 percent glutinous, and 20 percent fragrant Jasmine rice. Jasmine rice is grown as a second season crop, mostly for export. Thailand has the largest share of world rice trade, exporting an estimated 5.8 million tons of rice for CY 2000.

The main season crop, which is rainfed, comprises about 80 percent of total production and is harvested from mid-October to late-January. The irrigated second season crop is grown during the dry season, and is harvested from April to September. Higher yielding varieties are primarily planted in the second season, but are also increasingly planted as part of the main season crop. The 1999 monsoon began early, at the beginning of April, which allowed the main season crop to be planted as much as a month ahead of normal. All regions had at least average levels of rainfall this growing season, and many received above average rainfall. The 1999/2000 crop estimate has risen above the initial July estimate due to the beneficial rains during the monsoon season. Regular, widespread rainfall allowed the crops to achieve an above average yield, as well as reports that indicate area for the second season crop may approach the record area set in 1997/98. Southern Thailand received much more rain than normal in early November because of typhoons coming in from the South China Sea. There was concern about flood damage to the rice fields like nearby central Vietnam experienced; however, there are no reports of serious flood damage from this area and the southern peninsula is a minor growing area for main rice. Thailand is currently harvesting the main season crop, but heavy rains in early and mid-November slowed progress. Drier weather in late November aided harvesting.

The irrigated second season crop will be planted starting in January. The irrigation to

support the crop depends on the reservoir levels at the end of the monsoon season. The two key dams which control water levels in the Northern Region and Central Plain are the Bhumibol Dam on the Ping River and the Sirikit Dam on the Nan River, both of which flow into the Chao Phraya delta. As of the beginning of December, the combined water supplies at the two dams were roughly 17 percent above the twenty-five year average for that date.

Burma is expected to produce 9.6 million tons of milled rice in 1999/2000, up 3 percent from last year and the second largest harvest on record. The largest harvest was 9.9 million tons in 1995/96, based on a record yield. The estimated harvested area for this season is a record 5.8 million hectares, up 4 percent from last year. Burma is a very mountainous country, with much of its farmland confined to the lowlands. Harvested area and yield have increased greatly in the past twenty years due to intensive efforts by the Government to raise production. Still, yields are not as high as they were in the early 1990's because of the current inferior seed quality and the high price of critical inputs. This drop in yield is especially severe in the second crop, which grows high-yielding varieties that are more dependent on fertilizer.

There are two crops in Burma each year, the main season crop harvested between November and January, and the second season crop harvested between March and May. The main crop depends on the monsoon which starts in May and ends in October, while the second crop is grown during the dry season and depends on irrigation. The main crop accounts for approximately 85 percent of total production and the second crop 15 percent. The major rice producing regions are along the Irrawaddy River Delta, the lower coastal region on the Bay of Bengal, and the lowlands in the States of Mandalay and Sagaing.

This year, there were unusually early rains starting in April which allowed producers along the Irrawaddy and the coast to plant ahead of schedule. The early planting and regular rainfall advanced the crop normally so that harvest started in September this year instead of November. The Irrawaddy region harvest was delayed because of heavy rains from a cyclone in the Bay of Bengal in late October. However, these rains provided beneficial soil moisture for the second crop that is currently being planted.

The **Philippines** is expected to produce a record 7.7 million tons of milled rice in 1999/2000, up 15 percent from last year. The previous record of 7.3 million tons was set in 1996/97, but was followed by poor harvests in both 1997/98 and 1998/99. Those poor harvests were mostly the result of producers planting fewer hectares due to a combination of poor weather and a drop in the amount of high-yielding hybrid seed used during the Asian economic crisis.

There are two crops harvested in the Philippines each year, a wet season crop that is harvested from September to December, and a dry season crop that is harvested from February to April. On average about two-thirds of yearly production comes from the wet season crop and one-third from the dry season crop. While the crops are referred to as “wet season” and “dry season”, climatic differences across the country mean that some regions do not ever experience a dry season and maximum rainfall patterns are different in different regions. The Philippines contains multiple climates because it is made up of many islands, several of which have climates separated and influenced by tall mountain ranges. The central plain of the island of Luzon is the ricebowl of the country, containing most of the country’s irrigated cropland. The islands of Visayas and Mindanao are also major rice growing areas.

Rainfall has been near or above average in most rice-growing regions of the country during the first season. However, there were problems with multiple tropical storms hitting the rice areas on Luzon throughout late summer and early fall, causing floods and delaying the wet season harvest. Drier weather at the end of November aided producers in finishing harvest activities.

Cambodia is projected to produce 2.3 million tons of milled rice in 1999/2000, up 3 percent from last year and the second largest harvest on record. The largest harvest was 2.5 million tons in 1970/71. Yield is estimated at 1.82 tons per hectare, up 3 percent from last year and the second highest yield on record.

Rice grows throughout the country. There are two crops harvested in Cambodia each year: the main crop harvested in December and the second crop harvested in March. The main crop is mostly rainfed and depends on the rainy season from May to mid-November. The second crop is mostly irrigated. The main crop composes approximately 80 percent of the total crop, and the second crop 20 percent. Cambodia originally anticipated a much larger harvest this year, as this season’s main crop was significantly larger than last year’s. Crop prospects were tempered by torrential rains that struck in early and mid-November, and unseasonably heavy rains struck again the first week in December right as the main season rice was about to be harvested. However, the excessive rain will be beneficial for the second crop in the upcoming December-April dry season.

Suzanne Miller, Southeast Asia Analyst
Telephone: (202) 720-0882
E-mail: millers@fas.usda.gov

INDONESIA: ROUGH RICE PRODUCTION (1000 MT)				
Year and Segments	Paddy	Wetland Paddy	Dryland Paddy	
1995/96	51,100	48,187	2,913	
Jan-Apr	26,344	23,795	2,549	
May-Aug	15,302	15,088	214	
Sep-Dec	9,454	9,304	150	
1996/97	49,360	46,575	2,785	
Jan-Apr	26,725	24,230	2,495	
May-Aug	14,694	14,507	187	
Sep-Dec	7,941	7,838	103	
1997/98	49,237	46,483	2,754	
Jan-Apr	21,745	19,454	2,291	
May-Aug	15,866	15,512	354	
Sep-Dec	11,626	11,517	109	
1998/99	50,791	----	----	
Milling rate 1995/96, 1996/97 65%				
Milling rate 1997/98, 1998/99 63.2%				

Philippines: Rough Rice Production

	95/96	96/97	97/98	98/99
Harvested Area (1000 Ha)				
Wet Season	2,257	2,285	2,218	1,887
Dry Season	1,667	1,624	1,283	1,743
TOTAL	3,924	3,909	3,501	3,630
Yield (MT/Ha)				
Wet Season	2,758	2,771	2,896	2,647
Dry Season	2,969	2,984	2,774	3,025
TOTAL	2,848	2,859	2,851	2,829
Production (1000 MT)				
Wet Season	6,224	6,331	6,423	4,995
Dry Season	4,950	4,846	3,559	5,273
TOTAL	11,174	11,177	9,982	10,268
Milling rate 65%				

December 1999

THAILAND: ROUGH RICE PRODUCTION				
YEAR	AREA (1000 Ha)	YIELD (MT/Ha)	PRODUCTION (1000 MT)	
TOTAL CROP				
1995/96	9,032	2.41	21,800	
1996/97	9,267	2.23	20,700	
1997/98	9,937	2.36	23,500	
1998/99	9,833	2.32	22,800	
MAIN CROP				
1995/96	8,255	2.15	17,788	
1996/97	8,350	1.94	16,200	
1997/98	8,780	2.11	18,500	
1998/99	8,864	2.03	18,000	
SECOND CROP				
1995/96	777	5.16	4,012	
1996/97	917	4.91	4,500	
1997/98	1,157	4.32	5,000	
1998/99	969	4.95	4,800	
Milling rate 66%				

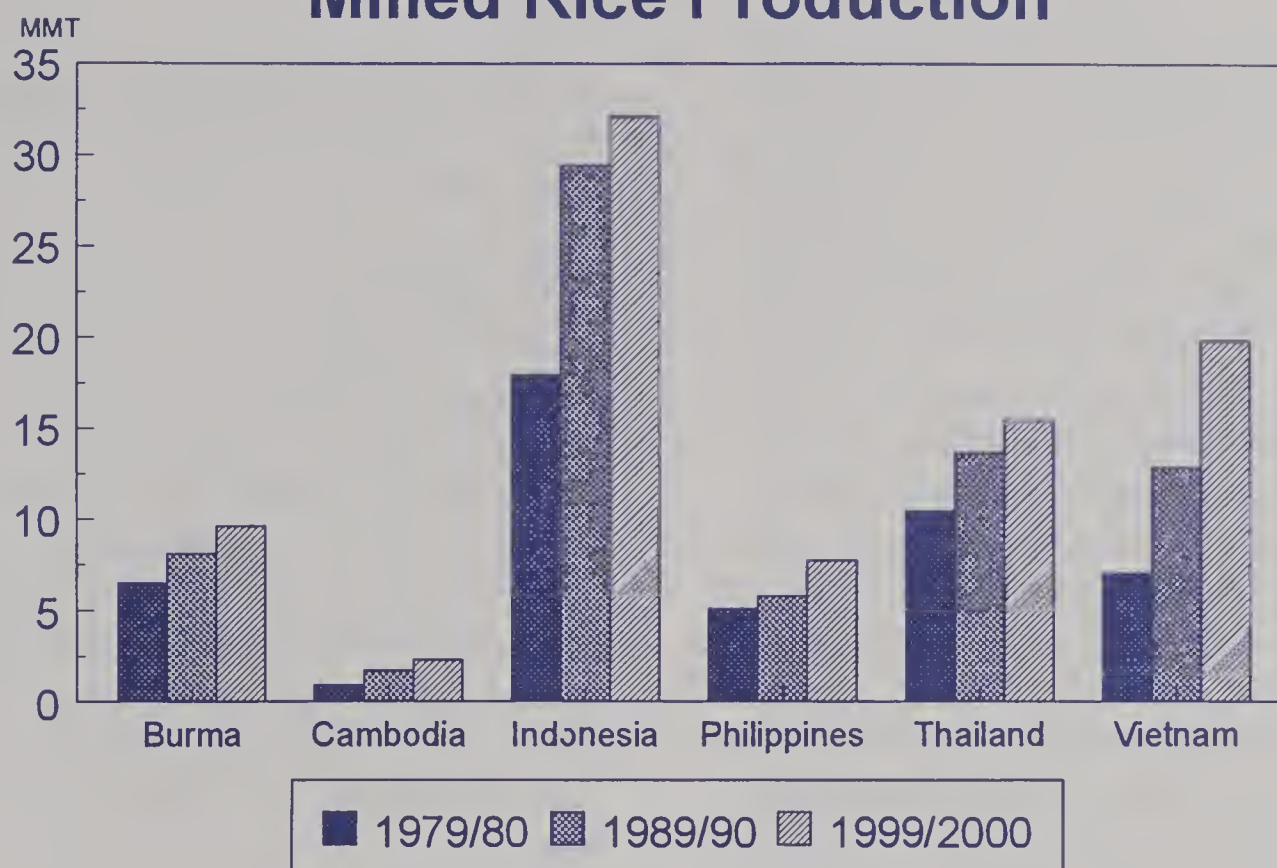
Vietnam: Rough Rice Production

	95/96	96/97	97/98	98/99
Harvested Area (1000 Ha)				
10th Month	2,602	2,558	2,542	2,387
Winter-Spring	2,521	2,682	2,717	2,888
Summer-Autumn	2,001	1,800	2,118	2,261
TOTAL	7,124	7,040	7,377	7,536
Yield (MT/Ha)				
10th Month	2,970	2,999	3,060	3,280
Winter-Spring	4,840	4,961	5,010	4,860
Summer-Autumn	3,430	3,500	3,560	3,710
TOTAL	3,761	3,875	3,922	4,014
Production (1000 MT)				
10th Month	7,728	7,671	7,779	7,829
Winter-Spring	12,201	13,306	13,611	14,036
Summer-Autumn	6,863	6,300	7,540	8,388
TOTAL	26,792	27,271	28,930	30,253

Milling rate 66%

Production Estimates and Crop Assessment Div., FAS, USDA

Milled Rice Production



Milled Rice Production



West African Grain Production

Total grain production in West Africa for 1999/2000 is estimated at a record 35.1 million tons, up from 34.6 million in 1998/99. Harvested area is estimated at 38.3 million hectares, up from 37.9 million in 1998/99. For the purpose of this article, West Africa includes the following countries: Benin, Burkina - Faso, Cape Verde, Chad, Cote d'Ivoire, Gambia, Ghana, Guinea, Guinea - Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Senegal, Sierra Leone, and Togo.

Record breaking rains are likely to produce record-breaking harvest in many parts of the Sahel. Grain production is estimated to be higher in most countries despite numerous reports of flooding this growing season. In Nigeria, the rain came early and continued to be favorable throughout the season resulting in an increase in production. Cote d'Ivoire had good rainfall with record rice area and production estimated. Senegal, free from civil strife, had widespread rains with some flooding and production of all grain crops are estimated higher. Liberia's rice production has recovered from the civil-strife reduced crop. Rainfall this year was well distributed and production is expected to be above the previous year.

Benin: Total grain production in Benin for 1999/2000 is estimated at a record 0.8 million tons, up slightly from 1998/99. Harvested area is estimated at 0.8 million hectares, unchanged from 1998/99. The main grain crops produced are corn and sorghum estimated at 0.7 million and 0.1 million tons, respectively. In the south, favorable growing conditions offset insufficient rains in the north, particularly in the upper north. Pest infestation reportedly caused minor damage to millet, sorghum, and corn.

Burkina Faso: In Burkina Faso, total grain

production for 1999/2000 is estimated at 2.6 million tons, down slightly from 1998/99. Harvested area is estimated at 3.0 million hectares, slightly up from 2.9 million in 1998/99. The main grain crops produced are sorghum, millet, and corn estimated at 1.3 million, 0.8 million, and 0.5 million tons, respectively. Rainfall was widespread and above normal. As a result, harvest prospects are favorable and similar to last year. Soil moisture reserves were adequate for good crop maturation. The millet and sorghum harvest will be completed by the end of December. Attacks of pest were reported on millet, corn or rice in several areas.

Cape Verde: Total grain production in Cape Verde for 1999/2000 is estimated at 10,000 tons, unchanged for the past four years. Harvested area is estimated at 15,000 hectares, the same as the previous four years. The main grain crop produced is corn estimated at 10,000 tons. There has been significant and widespread rainfall since August, which has permitted satisfactory crop development.

Chad: In Chad, total grain production for 1999/2000 is estimated at 1.1 million tons, down from a record 1.2 million in 1998/99. Harvested area is estimated at 1.8 million hectares, unchanged from 1998/99. The main grain crops produced are millet and corn, estimated at 0.9 million, and 0.1 million tons, respectively. Early season rainfall was variable before becoming abundant in August in most producing areas. Above normal rains, causing localized flood damage to the corn and millet crops, was reported in Moyen-Chari, Logone Oriental, Tanjile, and Mayo-Krebbi regions. In Batha, floods also destroyed crops and swelling water levels in Lake Chad covered fields. However, overall, conditions were good for the crops and a satisfactory harvest is

expected.

Cote d' Ivoire: Total grain production in Cote d' Ivoire for 1999/2000 is estimated at 1.1 million tons, up slightly from 1998/99. Harvested area is estimated at 1.5 million hectares, up from 1.4 million in 1998/99. The main grain crops produced are corn and rice estimated at 0.6 million and 0.4 million tons, respectively. The climate in Cote d' Ivoire is tropical wet/dry with two rainy seasons in the south (March - July and September - December) and one in the north (May - October). Corn has two seasons: during the main season, corn is planted from March - May and harvested from August - September, while the second season is planted from August - September and harvested from December - January. Rice is planted from April - July and harvested from September - December. Rice production is estimated to match the 1996/97 record level due to adequate rainfall and area expansion by farmers. Abundant and regular rains also benefitted corn development and harvest prospects are favorable.

The Gambia: In The Gambia, total grain production for 1999/2000 is estimated at 94,000 tons, unchanged from 1998/99. Harvested area is estimated at 89,000 hectares, also unchanged from the previous year. The main grains produced are millet and corn estimated at 50,000 and 20,000 tons, respectively. Rainfall during the growing season went from unusually heavy in August, decreasing in September, but remaining regular and well distributed to abundant in the central and eastern regions. Soil moisture was good which supported crop development; however, there is excessive water in some areas. The millet and corn crops were planted in June and harvest is complete. There were no reports of any pest infestations.

Ghana: Total grain production in Ghana for

1999/2000 is estimated at 1.7 million tons, up from 1.6 million in 1998/99. Harvested area is estimated at 1.3 million hectares, unchanged from the past five years. The main grain crops produced are corn and sorghum estimated at 1.1 million and 0.3 million tons, respectively. Ghana's climate is considered tropical wet - dry with two rainy seasons in the south and one in the north. Corn has two seasons. For the main season, corn is planted from March - April and harvested from August - September in the south, and in the same season, is planted in June and harvested from August - October in the north. During the second season corn is planted from August - November and harvested from December - January. Sorghum is planted from May - July and harvested from October - November. Rainfall was plentiful throughout the growing season; however, unusual heavy rains in September were reported to be the worst in 30 years. The severe floods devastated three areas in the northern regions, and in some villages, farmlands and crops were destroyed. Overall crop development was favorable and production is estimated to be near record level. Pest infestation was reported in the Upper East region and reduced sorghum and millet yield potential in that region.

Guinea: In Guinea, total grain production for 1999/2000 is estimated at 0.6 million tons, virtually unchanged from 1998/99. Harvested area is estimated at 0.7 million tons, unchanged from 1998/99. The main grain crops produced are rice and millet estimated at 0.5 million and 0.1 million tons, respectively. Precipitation this year was heavy and above normal, resulting in an estimated record production. However, in the Conakry and Boffa regions, the floods caused crop damage and the displacement of thousands of people.

Guinea-Bissau: Total grain production in Guinea-Bissau for 1999/2000 is estimated at 0.1 million tons, up slightly from 1998/99.

Harvested area is estimated at 0.1 million hectares, virtually unchanged from the previous four years. The main grain crops produced are rice and sorghum estimated at 80,000 and 50,000 tons, respectively. Abundant and well distributed rainfall favored crop development and soil moisture was sufficient throughout the growing season.

Liberia: In Liberia, rice production for 1999/2000 is estimated at 0.2 million tons, up from 0.1 million in 1998/99. Harvested area is estimated at 0.2 million hectares, up from 1998/99 and back to a pre civil war level. The main grain crop produced is rice. Rains have been well distributed and above normal this year. Rice output throughout the country is expected to be above the previous year, except in the north where civil disturbances reoccurred in August. In those areas, crop prospects are constrained and many people have been displaced. Agricultural production has been increasing in Bong, Bomi, Montserrado, and Nimba counties, but not in other areas where poor roads made access to farms very difficult.

Mali: Total grain production in Mali for 1999/2000 is estimated at 2.3 million tons, up slightly from the previous year. Harvested area for the third year remains nearly unchanged at 2.3 million hectares. The main grain crops produced are millet, rice, and corn estimated at 1.5 million, 0.5 million, and 0.3 million tons, respectively. Delayed by inadequate rainfall at the beginning of the season, planting of millet continued through early August in rainfed production zones of northern Segou and parts of Mopti regions. Yield potential suffered due to farmers shifting to short-cycle varieties. August was a rainy month and favorable for crop development; however, in localized areas excessive rains damaged some crops. Also, other rainfed zones had favorable growing conditions and a good crop is expected even in the arid regions.

Rice production is estimated at a record level as water levels for irrigation are higher because of the abundant rains. Mali's rice farmers are benefitting from the relatively low grain prices this year. Rice farmers sell their rice stocks for cash and then purchase millet, corn, and sorghum, taking advantage of the price differential. The desert locusts problem was minimal this year.

Mauritania: In Mauritania, total grain production for 1999/2000 is estimated at 0.2 million tons, up over 20 percent from 1998/99. Harvested area is estimated at 0.2 million hectares, up nearly 10 percent from last season. The main grain crops produced are sorghum and rice estimated at 120,000 and 60,000 tons, respectively. Following the abundant rains in August, precipitation decreased significantly in all production zones. Later the rains resumed and were widespread and above normal in the south and remained favorable. Overall crop prospects are good, but there has been localized flooding. The Senegal River reached high levels, flooding some regions and caused rice production losses in Trarza Wilaya.

Niger: Total grain production in Niger for 1999/2000 is estimated at 2.6 million tons, down from 2.9 million in 1998/99. Harvested area is estimated at 6.7 million hectares, unchanged from 1998/99. The main grain crops produced are millet and sorghum estimated at 2.0 million and 0.6 million tons, respectively. Rains were normal in Niger's producing zone, which benefitted crop development and a good harvest is expected. Although rainfall was generally above normal, soil moisture deficits persisted locally in Zindern Dorsao, central Tahoua, northern Maradi and Tillabery areas. Millet harvested was completed by November and an above average crop production is estimated. Minor pest infestation was reported.

Nigeria: In Nigeria, total grain production for 1999/2000 is estimated at 19.6 million tons, up from 19.4 million in 1998/99. Harvested area is estimated at 17.2 million hectares, similar to the previous five years. The main grain crops produced are sorghum, millet, corn, and rice estimated at 7.5 million, 5.1 million, 5.0 million, and 2.0 million tons, respectively. The climate in Nigeria is considered mostly tropical wet-dry; in the southwest, tropical wet; and to the extreme north, semi arid. Millet is planted and harvested from June - October and sorghum from May - November. Rice has two seasons: rainfed rice is from April - September and irrigated rice from May - January. Corn is grown three times within a year. There are two main planting periods, one in the south from March - August, and one in the north from May - September. Corn's season is from August - January. Sorghum, the most widely cultivated grain in the country, occupies over 45 percent of area land. Production is estimated the same as last year as rainfall began early and continued favorable throughout the season and more sorghum farmers adopted hybrid varieties. Sorghum is planted from the north of Nigeria to the middle belt zones, where moisture levels are low.

Sorghum yields showed a modest increase and only limited quantities of fertilizer was used for this crop. Pest infestations were minimal and did not affect production. The planting of the rice crop is widespread, grown in all six ecological zones. This year's rice harvest increased due to an increase in area planted and good weather, but would have been much larger if fertilizer application levels had not declined. Nigeria's Cereal Research Institute, has introduced farmers to improved farming systems and rice yield is increasing once again. The available varieties of rice in Nigeria are tolerant to blast, the most devastating disease of rice. Corn production is estimated to be similar to the previous year due to continued low fertilizer usage. About 10 percent of

Nigeria's corn crop is used by the brewing industry, the largest industrial use of the crop. The short to medium term outlooks for Nigeria's grain production sector appear mixed and will depend on improvements of the extension system, fertilizers, and the level of adoption improved planting seed varieties by farmers. Nigeria's dependence on rainfed agriculture always poses a potential threat to overall grain production.

Senegal: Total grain production in Senegal for 1999/2000 is estimated at 0.9 million tons, up from 0.7 million in 1998/99. Harvested area for 1999/2000 is estimated at 1.3 million hectares, up from 1.1 million in 1998/99. The main grain crops produced are millet, sorghum, and corn estimated at 0.6 million, 0.2 million, and 0.1 million tons, respectively. Senegal, a country located at the western edge of Africa, is semi-arid in the north, tropical wet-dry in the south with rains from June - October. Crop prospects in the country are favorable due to widespread and above normal rainfalls and the lack of civil strife. Although the rains decreased in late September, soil moisture was adequate to sustain crop development. Rice production areas are in the Senegal River Valley and the Casamance Region. Most of Senegal's farms are small, rainfed operations with 5 percent of the 4 million hectares of cultivated land irrigated. Production is constrained by a lack of investment in agriculture, along with widespread erosion, and low fertilizer usage.

Sierra Leone: In Sierra Leone, total grain production for 1999/2000 is estimated at 0.3 million tons, slightly up from 1998/99. Harvested area is estimated at 0.3 million hectares, unchanged over the last several years. The main crop produced is rice estimated at 0.2 million tons. At the beginning of the year, Sierra Leone was plagued by civil strife and disruption of agricultural inputs and activities. With improvements in many of the

rural areas and favorable weather, production is estimated to increase slightly above last year.

Togo: Total grain production in Togo for 1999/2000 is estimated at 0.6 million tons, up slightly from 1998/99. Harvested area is estimated at 0.8 million hectares, up 7 percent from last season. The main grain crops produced are corn and millet estimated at 0.4 million and 0.2 million tons, respectively. Widespread and above normal rainfall favored

crop development and the rains remained regular throughout the season, although floods were reported in Kara, Plateaux, Maritime, and Sovanes regions. Generally, soil moisture was adequate and there has been no reported pest infestations.

Theresa Wright, Regional Analyst
Telephone: (202) 720-8887
E:mail: wrightt@fas.usda.gov

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Benin										
Corn										
AREA (1,000 Ha)	480	480	470	500	480	530	450	550	575	575
YIELD (Mt/Ha)	0.80	0.79	0.98	1.00	1.02	1.13	1.11	1.18	1.13	1.18
PROD (1,000 Mt)	385	380	460	500	490	600	500	650	650	680
Millet										
AREA (1,000 Ha)	35	38	40	36	37	35	35	35	35	35
YIELD (Mt/Ha)	0.89	0.87	0.65	0.67	0.68	0.71	0.71	0.71	0.71	0.71
PROD (1,000 Mt)	31	33	26	24	25	25	25	25	25	25
Rice, Milled										
AREA (1,000 Ha)	7	7	7	7	8	10	13	10	10	10
YIELD (Mt/Ha)	0.86	0.86	0.86	0.86	0.88	1.10	1.23	1.00	1.00	1.00
PROD (1,000 Mt)	6	6	6	6	7	11	16	10	10	10
Sorghum										
AREA (1,000 Ha)	131	135	143	138	145	140	145	150	140	140
YIELD (Mt/Ha)	0.76	0.78	0.77	0.76	0.78	0.79	0.76	0.8	0.79	0.86
PROD (1,000 Mt)	100	105	110	105	113	110	110	120	110	120
Total Grains										
AREA (1,000 Ha)	653	660	660	681	670	715	643	745	760	760
YIELD (Mt/Ha)	0.80	0.79	0.91	0.93	0.95	1.04	1.01	1.08	1.05	1.10
PROD (1,000 Mt)	522	524	602	635	635	746	651	805	795	835
Burkina Faso										
Corn										
AREA (1,000 Ha)	165	250	252	197	218	160	230	240	240	240
YIELD (Mt/Ha)	0.73	1.00	1.35	1.38	1.61	1.31	1.30	1.50	1.98	1.88
PROD (1,000 Mt)	120	250	341	271	350	210	300	360	475	450
Millet										
AREA (1,000 Ha)	1,000	1,150	1,204	1,293	1,312	1,150	1,200	1,150	1,200	1,200
YIELD (Mt/Ha)	0.58	0.74	0.65	0.70	0.63	0.63	0.67	0.52	0.67	0.65
PROD (1,000 Mt)	580	850	785	899	831	730	800	600	800	775
Rice, Milled										
AREA (1,000 Ha)	20	25	25	35	30	35	60	50	50	50
YIELD (Mt/Ha)	1.35	0.80	0.80	1.00	1.33	1.57	1.25	1.30	1.30	1.30
PROD (1,000 Mt)	27	20	20	35	40	55	75	65	65	65
Sorghum										
AREA (1,000 Ha)	1,190	1,300	1,400	1,476	1,549	1,600	1,600	1,400	1,400	1,500
YIELD (Mt/Ha)	0.69	0.85	0.92	0.89	0.80	0.79	0.78	0.67	0.93	0.87
PROD (1,000 Mt)	820	1,100	1,292	1,310	1,232	1,270	1,250	940	1,300	1,300
Total Grains										
AREA (1,000 Ha)	2,375	2,725	2,881	3,001	3,109	2,945	3,090	2,840	2,890	2,990
YIELD (Mt/Ha)	0.65	0.81	0.85	0.84	0.79	0.77	0.78	0.69	0.91	0.87
PROD (1,000 Mt)	1,547	2,220	2,438	2,515	2,453	2,265	2,425	1,965	2,640	2,590

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Cape Verde										
Corn										
AREA (1,000 Ha)	15	5	20	10	10	15	15	15	15	15
YIELD (Mt/Ha)	0.67	0.80	0.50	1.20	0.90	0.67	0.67	0.67	0.67	0.67
PROD (1,000 Mt)	10	4	10	12	9	10	10	10	10	10
Total Grains										
AREA (1,000 Ha)	15	5	20	10	10	15	15	15	15	15
YIELD (Mt/Ha)	0.67	0.80	0.50	1.20	0.90	0.67	0.67	0.67	0.67	0.67
PROD (1,000 Mt)	10	4	10	12	9	10	10	10	10	10
Chad										
Corn										
AREA (1,000 Ha)	62	79	70	69	111	70	85	100	130	130
YIELD (Mt/Ha)	0.65	0.89	1.29	1.45	0.85	0.86	0.88	1.00	1.31	1.00
PROD (1,000 Mt)	40	70	90	100	94	60	75	100	170	130
Millet										
AREA (1,000 Ha)	960	1,100	1,090	1,090	1,197	1,150	1,300	1,500	1,650	1,650
YIELD (Mt/Ha)	0.47	0.61	0.62	0.50	0.57	0.58	0.50	0.50	0.61	0.55
PROD (1,000 Mt)	450	670	680	540	686	668	650	750	1000	900
Rice, Milled										
AREA (1,000 Ha)	40	50	55	50	55	50	55	60	60	60
YIELD (Mt/Ha)	1.00	1.00	1.09	0.50	1.09	0.90	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	40	50	60	25	60	45	55	60	60	60
Wheat										
AREA (1,000 Ha)	4	3	4	4	4	4	4	4	4	4
YIELD (Mt/Ha)	1.50	1.33	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
PROD (1,000 Mt)	6	4	6	6	6	6	6	6	6	6
Total Grains										
AREA (1,000 Ha)	1,066	1,232	1,219	1,213	1,367	1,274	1,444	1,664	1,844	1,844
YIELD (Mt/Ha)	0.50	0.64	0.69	0.55	0.62	0.61	0.54	0.55	0.67	0.59
PROD (1,000 Mt)	536	794	836	671	846	779	786	916	1,236	1,096

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Cote d'Ivoire										
Corn										
AREA (1,000 Ha)	620	650	625	660	675	685	690	700	690	670
YIELD (Mt/Ha)	0.79	0.83	0.79	0.82	0.83	0.87	0.90	0.91	0.90	0.90
PROD (1,000 Mt)	490	540	495	540	560	595	620	640	620	600
Millet										
AREA (1,000 Ha)	80	82	81	83	85	88	90	95	95	90
YIELD (Mt/Ha)	0.70	0.72	0.70	0.63	0.64	0.68	0.72	0.74	0.74	0.72
PROD (1,000 Mt)	56	59	57	52	54	60	65	70	70	65
Rice, Milled										
AREA (1,000 Ha)	625	630	615	625	635	645	680	650	600	700
YIELD (Mt/Ha)	0.63	0.63	0.62	0.62	0.63	0.64	0.65	0.60	0.60	0.64
PROD (1,000 Mt)	394	398	380	387	398	410	445	390	358	445
Sorghum										
AREA (1,000 Ha)	46	48	45	48	50	53	55	58	58	55
YIELD (Mt/Ha)	0.70	0.71	0.67	0.63	0.60	0.51	0.55	0.52	0.52	0.55
PROD (1,000 Mt)	32	34	30	30	30	27	30	30	30	30
Total Grains										
AREA (1,000 Ha)	1,371	1,410	1,366	1,416	1,445	1,471	1,515	1,503	1,443	1,515
YIELD (Mt/Ha)	0.71	0.73	0.70	0.71	0.72	0.74	0.77	0.75	0.75	0.75
PROD (1,000 Mt)	972	1,031	962	1,009	1,042	1,092	1,160	1,130	1,078	1,140
Gambia										
Corn										
AREA (1,000 Ha)	12	13	12	15	16	15	15	10	15	15
YIELD (Mt/Ha)	1.33	1.46	1.42	1.60	1.38	1.33	1.33	1.00	1.33	1.33
PROD (1,000 Mt)	16	19	17	24	22	20	20	10	20	20
Millet										
AREA (1,000 Ha)	43	44	41	51	49	50	50	50	50	50
YIELD (Mt/Ha)	1.16	1.23	1.12	1.02	1.10	1.10	1.10	1.00	1.00	1.00
PROD (1,000 Mt)	50	54	46	52	54	55	55	50	50	50
Rice, Milled										
AREA (1,000 Ha)	22	22	11	8	12	12	13	13	13	13
YIELD (Mt/Ha)	1.00	1.00	1.09	1.00	1.08	1.08	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	22	22	12	8	13	13	13	13	13	13
Sorghum										
AREA (1,000 Ha)	13	13	13	8	11	12	12	10	11	11
YIELD (Mt/Ha)	0.92	1.00	0.92	1.13	1.09	1.08	1.08	1.00	1.00	1.00
PROD (1,000 Mt)	12	13	12	9	12	13	13	10	11	11
Total Grains										
AREA (1,000 Ha)	90	92	77	82	88	89	90	83	89	89
YIELD (Mt/Ha)	1.11	1.17	1.13	1.13	1.15	1.13	1.12	1.00	1.06	1.06
PROD (1,000 Mt)	100	108	87	93	101	101	101	83	94	94

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Ghana										
Corn										
AREA (1,000 Ha)	465	610	607	637	629	670	665	660	700	700
YIELD (Mt/Ha)	1.19	1.52	1.20	1.51	1.49	1.54	1.50	1.52	1.43	1.57
PROD (1,000 Mt)	553	930	730	960	940	1,035	1,000	1,000	1,000	1,100
Millet										
AREA (1,000 Ha)	124	209	210	200	191	193	190	190	170	190
YIELD (Mt/Ha)	0.60	0.54	0.62	1.00	0.88	1.09	1.02	0.74	0.94	0.95
PROD (1,000 Mt)	75	113	130	200	168	210	193	140	160	180
Rice, Milled										
AREA (1,000 Ha)	50	95	80	77	80	100	105	117	130	130
YIELD (Mt/Ha)	0.98	0.96	0.98	1.22	1.25	1.32	1.24	1.01	0.88	0.96
PROD (1,000 Mt)	49	91	78	94	100	132	130	118	115	125
Sorghum										
AREA (1,000 Ha)	215	262	307	310	299	335	315	315	330	300
YIELD (Mt/Ha)	0.63	0.92	0.85	1.06	1.08	1.07	1.11	1.02	1.06	1.10
PROD (1,000 Mt)	136	241	260	328	324	360	350	320	350	330
Total Grains										
AREA (1,000 Ha)	854	1,176	1,204	1,224	1,199	1,298	1,275	1,282	1,330	1,320
YIELD (Mt/Ha)	0.95	1.17	1.00	1.29	1.28	1.34	1.31	1.23	1.22	1.31
PROD (1,000 Mt)	813	1,375	1,198	1,582	1,532	1,737	1,673	1,578	1,625	1,735
Guinea										
Corn										
AREA (1,000 Ha)	55	50	90	86	95	90	85	85	85	90
YIELD (Mt/Ha)	1.09	1.00	1.06	1.20	1.20	1.00	0.94	0.94	0.94	1.00
PROD (1,000 Mt)	60	50	95	103	114	90	80	80	80	90
Millet										
AREA (1,000 Ha)	160	200	155	165	170	160	160	170	165	165
YIELD (Mt/Ha)	0.56	0.55	0.55	0.61	0.65	0.63	0.63	0.59	0.61	0.61
PROD (1,000 Mt)	90	110	85	100	110	100	100	100	100	100
Rice, Milled										
AREA (1,000 Ha)	490	400	400	400	400	425	450	475	475	475
YIELD (Mt/Ha)	0.66	0.81	0.81	0.88	0.88	0.96	0.96	0.95	0.95	0.95
PROD (1,000 Mt)	325	325	325	350	350	410	430	450	450	450
Total Grains										
AREA (1,000 Ha)	705	650	645	651	665	675	695	730	725	730
YIELD (Mt/Ha)	0.67	0.75	0.78	0.85	0.86	0.89	0.88	0.86	0.87	0.88
PROD (1,000 Mt)	475	485	505	553	574	600	610	630	630	640

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Guinea-Bissau										
Corn										
AREA (1,000 Ha)	35	35	10	13	13	15	15	15	15	15
YIELD (Mt/Ha)	0.66	0.71	1.00	1.00	1.08	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	23	25	10	13	14	15	15	15	15	15
Rice, Milled										
AREA (1,000 Ha)	120	125	65	71	65	65	65	70	65	70
YIELD (Mt/Ha)	0.87	0.86	1.25	1.14	1.31	1.32	1.31	1.14	0.92	1.14
PROD (1,000 Mt)	104	107	81	81	85	86	85	80	60	80
Sorghum										
AREA (1,000 Ha)	30	50	40	50	45	50	50	50	50	50
YIELD (Mt/Ha)	0.83	0.80	0.85	0.80	1.22	1.02	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	25	40	34	40	55	51	50	50	50	50
Total Grains										
AREA (1,000 Ha)	185	210	115	134	123	130	130	135	130	135
YIELD (Mt/Ha)	0.82	0.82	1.09	1.00	1.25	1.17	1.15	1.07	0.96	1.07
PROD (1,000 Mt)	152	172	125	134	154	152	150	145	125	145
Liberia										
Rice, Milled										
AREA (1,000 Ha)	175	165	170	60	45	50	75	135	160	175
YIELD (Mt/Ha)	0.72	0.73	0.36	0.65	0.67	0.70	0.80	0.74	0.78	0.91
PROD (1,000 Mt)	126	120	61	39	30	35	60	100	125	160
Total Grains										
AREA (1,000 Ha)	175	165	170	60	45	50	75	135	160	175
YIELD (Mt/Ha)	0.72	0.73	0.36	0.65	0.67	0.70	0.80	0.74	0.78	0.91
PROD (1,000 Mt)	126	120	61	39	30	35	60	100	125	160
Mali										
Corn										
AREA (1,000 Ha)	175	190	190	257	284	235	205	200	200	200
YIELD (Mt/Ha)	1.29	1.58	1.39	1.10	1.13	1.23	1.29	1.50	1.63	1.63
PROD (1,000 Mt)	225	300	265	283	320	290	265	300	325	325
Millet										
AREA (1,000 Ha)	1,600	1,700	1,924	2,286	2,381	2,300	2,150	1,700	1,700	1,700
YIELD (Mt/Ha)	0.88	0.97	0.62	0.61	0.67	0.63	0.70	0.76	0.88	0.88
PROD (1,000 Mt)	1,400	1,650	1,184	1,400	1,604	1,460	1,500	1,300	1,500	1,500
Rice, Milled										
AREA (1,000 Ha)	240	250	257	258	284	280	300	350	350	375
YIELD (Mt/Ha)	0.76	1.18	1.03	1.09	1.09	1.07	1.03	1.14	1.29	1.33
PROD (1,000 Mt)	182	295	265	282	310	300	310	400	450	500
Total Grains										
AREA (1,000 Ha)	2,015	2,140	2,371	2,801	2,949	2,815	2,655	2,250	2,250	2,275
YIELD (Mt/Ha)	0.90	1.05	0.72	0.70	0.76	0.73	0.78	0.89	1.01	1.02
PROD (1,000 Mt)	1,807	2,245	1,714	1,965	2,234	2,050	2,075	2,000	2,275	2,325

WEST AFRICA: AREA, YIELD AND PRODUCTION

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Mauritania										
Corn										
AREA (1,000 Ha)	1	3	4	6	13	3	3	3	3	3
YIELD (Mt/Ha)	1.00	0.67	0.75	1.17	0.46	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	1	2	3	7	6	3	3	3	3	3
Millet										
AREA (1,000 Ha)	24	24	25	25	25	25	25	23	25	25
YIELD (Mt/Ha)	0.54	0.54	0.60	0.60	0.60	0.40	0.40	0.43	0.40	0.40
PROD (1,000 Mt)	13	13	15	15	15	10	10	10	10	10
Rice, Milled										
AREA (1,000 Ha)	10	10	12	22	19	20	20	20	25	25
YIELD (Mt/Ha)	2.10	2.10	2.92	2.00	1.89	1.85	1.85	2.25	2.80	2.40
PROD (1,000 Mt)	21	21	35	44	36	37	37	45	70	60
Sorghum										
AREA (1,000 Ha)	90	120	100	156	255	246	200	140	150	170
YIELD (Mt/Ha)	0.56	0.50	0.50	0.59	0.58	0.65	0.73	0.36	0.50	0.71
PROD (1,000 Mt)	50	60	50	92	147	160	145	50	75	120
Total Grains										
AREA (1,000 Ha)	125	157	141	209	312	294	248	186	203	223
YIELD (Mt/Ha)	0.68	0.61	0.73	0.76	0.65	0.71	0.79	0.58	0.78	0.87
PROD (1,000 Mt)	85	96	103	158	204	210	195	108	158	193
Niger										
Millet										
AREA (1,000 Ha)	3,200	3,500	4,989	4,675	4,900	4,700	4,800	5,100	5,200	5,200
YIELD (Mt/Ha)	0.35	0.49	0.36	0.35	0.35	0.38	0.39	0.34	0.42	0.38
PROD (1,000 Mt)	1,133	1,700	1,800	1,658	1,725	1,800	1,850	1,725	2,200	2,000
Rice, Milled										
AREA (1,000 Ha)	32	30	30	30	35	30	30	30	30	30
YIELD (Mt/Ha)	1.50	1.33	1.33	1.33	1.29	1.53	1.53	1.50	1.33	1.50
PROD (1,000 Mt)	48	40	40	40	45	46	46	45	40	45
Sorghum										
AREA (1,000 Ha)	1,300	1,400	1,500	1,300	1,300	1,500	1,500	1,400	1,500	1,500
YIELD (Mt/Ha)	0.32	0.39	0.26	0.32	0.32	0.20	0.27	0.30	0.47	0.40
PROD (1,000 Mt)	415	550	387	421	420	307	400	425	700	600
Total Grains										
AREA (1,000 Ha)	4,532	4,930	6,519	6,005	6,235	6,230	6,330	6,530	6,730	6,730
YIELD (Mt/Ha)	0.35	0.46	0.34	0.35	0.35	0.35	0.36	0.34	0.44	0.39
PROD (1,000 Mt)	1,596	2,290	2,227	2,119	2,190	2,153	2,296	2,195	2,940	2,645

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Nigeria										
Corn										
AREA (1,000 Ha)	2,969	3,393	3,371	3,482	3,500	3,550	3,500	3,450	3,400	3,450
YIELD (Mt/Ha)	1.96	1.72	1.71	1.81	1.83	1.83	1.43	1.42	1.46	1.45
PROD (1,000 Mt)	5,810	5,840	5,771	6,291	6,417	6,500	5,000	4,900	4,950	5,000
Millet										
AREA (1,000 Ha)	3,900	4,200	4,600	4,850	4,700	5,500	5,600	5,500	5,500	5,500
YIELD (Mt/Ha)	0.97	0.98	0.98	0.95	1.01	1.00	0.95	0.91	0.95	0.93
PROD (1,000 Mt)	3,800	4,100	4,500	4,600	4,750	5,500	5,300	5,000	5,200	5,100
Rice, Milled										
AREA (1,000 Ha)	1,208	1,370	1,482	1,214	1,666	1,700	1,658	1,650	1,650	1,660
YIELD (Mt/Ha)	2.07	2.32	2.36	1.80	1.32	1.33	1.18	1.12	1.15	1.20
PROD (1,000 Mt)	2,500	3,185	3,500	2,182	2,200	2,260	1,950	1,850	1,900	2,000
Sorghum										
AREA (1,000 Ha)	4,400	6,014	5,973	5,848	6,500	6,400	6,450	6,500	6,600	6,600
YIELD (Mt/Ha)	0.95	0.72	0.74	1.06	1.00	1.02	1.02	1.07	1.11	1.14
PROD (1,000 Mt)	4,185	4,346	4,437	6,175	6,500	6,500	6,600	6,930	7,300	7,500
Wheat										
AREA (1,000 Ha)	60	50	30	25	25	30	30	30	35	35
YIELD (Mt/Ha)	0.83	1.20	1.33	1.20	1.20	1.67	1.17	0.67	1.14	1.29
PROD (1,000 Mt)	50	60	40	30	30	50	35	20	40	45
Total Grains										
AREA (1,000 Ha)	12,537	15,027	15,456	15,419	16,391	17,180	17,238	17,130	17,185	17,245
YIELD (Mt/Ha)	1.30	1.17	1.18	1.25	1.21	1.21	1.10	1.09	1.13	1.14
PROD (1,000 Mt)	16,345	17,531	18,248	19,278	19,897	20,810	18,885	18,700	19,390	19,645
Senegal										
Corn										
AREA (1,000 Ha)	116	90	105	108	110	100	85	60	55	90
YIELD (Mt/Ha)	1.15	1.14	1.10	1.28	1.00	1.05	1.06	1.00	0.80	1.11
PROD (1,000 Mt)	133	103	115	138	110	105	90	60	44	100
Millet										
AREA (1,000 Ha)	865	879	774	978	936	890	975	820	790	925
YIELD (Mt/Ha)	0.59	0.67	0.58	0.67	0.59	0.75	0.62	0.52	0.56	0.63
PROD (1,000 Mt)	514	593	446	657	548	670	600	425	441	580
Rice, Milled										
AREA (1,000 Ha)	73	73	80	86	80	77	73	73	73	75
YIELD (Mt/Ha)	1.62	1.73	1.74	1.58	1.31	1.30	1.33	1.55	1.11	1.31
PROD (1,000 Mt)	118	126	139	136	105	100	97	113	81	98
Sorghum										
AREA (1,000 Ha)	173	100	131	126	142	148	150	155	200	160
YIELD (Mt/Ha)	0.85	0.78	0.89	0.78	0.87	0.88	0.87	0.70	0.60	0.94
PROD (1,000 Mt)	147	78	117	98	123	130	130	108	120	150
Total Grains										
AREA (1,000 Ha)	1,227	1,142	1,090	1,298	1,268	1,215	1,283	1,108	1,118	1,250
YIELD (Mt/Ha)	0.74	0.79	0.75	0.79	0.70	0.83	0.71	0.64	0.61	0.74
PROD (1,000 Mt)	912	900	817	1,029	886	1,005	917	706	686	928

WEST AFRICA: AREA, YIELD AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Sierra Leone										
Corn										
AREA (1,000 Ha)	11	12	13	14	10	8	10	10	10	10
YIELD (Mt/Ha)	1.18	0.92	0.85	0.86	0.90	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	13	11	11	12	9	8	10	10	10	10
Millet										
AREA (1,000 Ha)	10	14	14	14	14	14	14	14	14	14
YIELD (Mt/Ha)	1.10	1.21	1.21	1.21	1.29	1.07	1.07	1.07	1.07	1.07
PROD (1,000 Mt)	11	17	17	17	18	15	15	15	15	15
Rice, Milled										
AREA (1,000 Ha)	310	255	354	382	328	230	290	275	275	275
YIELD (Mt/Ha)	0.77	0.94	0.81	0.76	0.74	0.74	0.81	0.91	0.76	0.84
PROD (1,000 Mt)	240	240	287	292	243	170	235	250	210	230
Total Grains										
AREA (1,000 Ha)	331	281	381	410	352	252	314	299	299	299
YIELD (MT/HA)	0.80	0.95	0.83	0.78	0.77	0.77	0.83	0.92	0.79	0.85
PROD (1,000 Mt)	264	268	315	321	270	193	260	275	235	255
Togo										
Corn										
AREA (1,000 Ha)	150	150	150	200	170	260	380	400	355	380
YIELD (Mt/Ha)	1.47	1.62	1.93	1.95	1.47	0.87	1.05	1.13	0.99	1.05
PROD (1,000 Mt)	220	243	290	390	250	225	400	450	350	400
Millet										
AREA (1,000 Ha)	200	270	280	346	275	350	325	300	300	320
YIELD (Mt/Ha)	0.78	0.63	0.67	0.58	0.47	0.57	0.49	0.67	0.60	0.56
PROD (1,000 Mt)	156	171	187	201	130	200	160	200	180	180
Rice, Milled										
AREA (1,000 Ha)	22	22	23	28	41	40	55	55	45	50
YIELD (Mt/Ha)	0.59	0.59	0.65	0.71	0.61	0.63	0.73	1.00	0.78	0.80
PROD (1,000 Mt)	13	13	15	20	25	25	40	55	35	40
Total Grains										
AREA (1,000 Ha)	372	442	453	574	486	650	760	755	700	750
YIELD (Mt/Ha)	1.05	0.97	1.09	1.06	0.83	0.69	0.79	0.93	0.81	0.83
PROD (1,000 Mt)	389	427	492	611	405	450	600	705	565	620
West Africa										
Total Grains										
AREA (1,000 Ha)	28,628	32,444	34,768	35,188	36,714	37,298	37,800	37,390	37,871	38,345
YIELD (Mt/Ha)	0.93	0.94	0.88	0.93	0.91	0.92	0.87	0.86	0.91	0.91
PROD (1,000 Mt)	26,651	30,590	30,740	32,724	33,462	34,388	32,854	32,051	34,607	35,056

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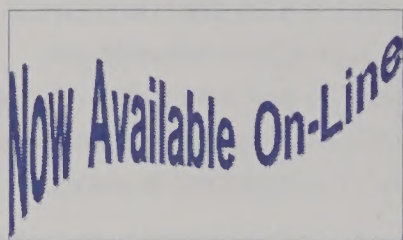
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